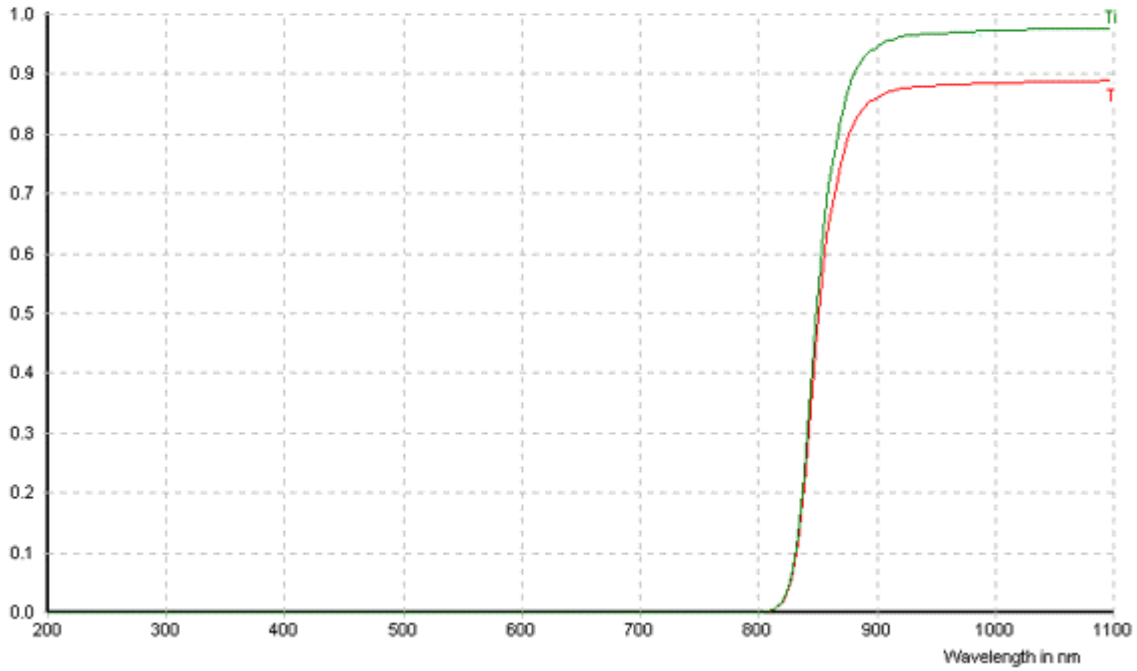


Thickness in mm : 3.0
Wavelength in nm :
Transmittance :
Internal Transmittance :

RG850



| Reflection factor P_d 0.91 Bubble content Bubble class 3 Chemical resistance FR class 5 SR class 53.4 AR class 1.0 | Density ρ [g/cm ³] 2.93 Transformation temperature T _g [°C] 571 Thermal expansion $\alpha_{-30/+70^\circ\text{C}}$ [10 ⁻⁶ /K] 9.5 $\alpha_{20/300^\circ\text{C}}$ [10 ⁻⁶ /K] 10.5 Temperature coefficient T _k [nm/°C] 0.24 | Per DIN 58191 Per DIN 58191 LP 850 Colloidally colored glass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------------|---------------------|---------------------|----------------|--------|----------|------|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|-----------------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|---------------------|---------------------|------|------|------|-----|--------------------|--------------------|------|------|------|-----|-------|-------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|--------------------|-------|-----|------|------|------|---------------------|---------------------|-----|------|------|------|---------------------|---------------------|-----|------|------|------|---------------------|---------------------|------|------|------|--|--|--|------|------|------|--|--|--|------|------|------|--|--|--|------|------|------|--|--|--|------|------|------|--|--|--|
| Tolerances for long pass filters for thickness d = 3 mm λ_c ($\tau_i = 0,5$ mm) [nm] 850±9 λ_s ($\tau_{is} = 1 \cdot 10^{-5}$) [nm] 700 λ_{p1} ($\tau_{ip1} = 0.90$) [nm] 950 λ_{p2} ($\tau_{ip2} = 0.97$) [nm] 1200 | Transmittance τ and internal transmittance τ_i at d = 3 mm <table border="1"> <thead> <tr> <th>λ [nm]</th> <th>τ</th> <th>τ_i</th> <th>λ [nm]</th> <th>τ</th> <th>τ_i</th> </tr> </thead> <tbody> <tr><td>550</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1050</td><td>0.89</td><td>0.98</td></tr> <tr><td>560</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1060</td><td>0.89</td><td>0.98</td></tr> <tr><td>570</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1070</td><td>0.89</td><td>0.98</td></tr> <tr><td>580</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1080</td><td>0.89</td><td>0.98</td></tr> <tr><td>590</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1090</td><td>0.89</td><td>0.98</td></tr> <tr><td>600</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1100</td><td>0.89</td><td>0.98</td></tr> <tr><td>610</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1110</td><td>0.89</td><td>0.98</td></tr> <tr><td>620</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1120</td><td>0.89</td><td>0.98</td></tr> <tr><td>630</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1130</td><td>0.89</td><td>0.98</td></tr> <tr><td>640</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1140</td><td>0.89</td><td>0.98</td></tr> <tr><td>650</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1150</td><td>0.89</td><td>0.98</td></tr> <tr><td>660</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1160</td><td>0.89</td><td>0.98</td></tr> <tr><td>670</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1170</td><td>0.89</td><td>0.98</td></tr> <tr><td>680</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1180</td><td>0.89</td><td>0.98</td></tr> <tr><td>690</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1190</td><td>0.89</td><td>0.98</td></tr> <tr><td>700</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1200</td><td>0.89</td><td>0.98</td></tr> <tr><td>710</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1300</td><td>0.89</td><td>0.98</td></tr> <tr><td>720</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1400</td><td>0.89</td><td>0.98</td></tr> <tr><td>730</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1500</td><td>0.89</td><td>0.98</td></tr> <tr><td>740</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1600</td><td>0.89</td><td>0.98</td></tr> <tr><td>750</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1700</td><td>0.89</td><td>0.98</td></tr> <tr><td>760</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1800</td><td>0.89</td><td>0.98</td></tr> <tr><td>770</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>1900</td><td>0.89</td><td>0.98</td></tr> <tr><td>780</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>2000</td><td>0.88</td><td>0.97</td></tr> <tr><td>790</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td><td>2100</td><td>0.88</td><td>0.97</td></tr> <tr><td>800</td><td>5·10⁻⁴</td><td>5·10⁻⁴</td><td>2200</td><td>0.87</td><td>0.96</td></tr> <tr><td>810</td><td>0.003</td><td>0.003</td><td>2300</td><td>0.86</td><td>0.95</td></tr> <tr><td>820</td><td>0.01</td><td>0.02</td><td>2400</td><td>0.86</td><td>0.94</td></tr> <tr><td>830</td><td>0.06</td><td>0.07</td><td>2500</td><td>0.85</td><td>0.93</td></tr> <tr><td>840</td><td>0.21</td><td>0.23</td><td>2600</td><td>0.82</td><td>0.90</td></tr> <tr><td>850</td><td>0.45</td><td>0.50</td><td>2700</td><td>0.76</td><td>0.83</td></tr> <tr><td>860</td><td>0.65</td><td>0.71</td><td>2800</td><td>0.14</td><td>0.15</td></tr> <tr><td>870</td><td>0.74</td><td>0.82</td><td>2900</td><td>0.07</td><td>0.08</td></tr> <tr><td>880</td><td>0.81</td><td>0.89</td><td>3000</td><td>0.05</td><td>0.05</td></tr> <tr><td>890</td><td>0.84</td><td>0.93</td><td>3200</td><td>0.03</td><td>0.03</td></tr> <tr><td>900</td><td>0.86</td><td>0.94</td><td>3400</td><td>0.03</td><td>0.03</td></tr> <tr><td>910</td><td>0.87</td><td>0.96</td><td>3600</td><td>0.02</td><td>0.02</td></tr> <tr><td>920</td><td>0.88</td><td>0.96</td><td>3800</td><td>0.02</td><td>0.02</td></tr> <tr><td>930</td><td>0.88</td><td>0.97</td><td>4000</td><td>0.05</td><td>0.05</td></tr> <tr><td>940</td><td>0.88</td><td>0.97</td><td>4200</td><td>0.04</td><td>0.04</td></tr> <tr><td>950</td><td>0.88</td><td>0.97</td><td>4400</td><td>0.03</td><td>0.03</td></tr> <tr><td>960</td><td>0.88</td><td>0.97</td><td>4600</td><td>9·10⁻⁴</td><td>0.001</td></tr> <tr><td>970</td><td>0.88</td><td>0.97</td><td>4800</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td></tr> <tr><td>980</td><td>0.88</td><td>0.97</td><td>5000</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td></tr> <tr><td>990</td><td>0.88</td><td>0.97</td><td>5200</td><td><1·10⁻⁵</td><td><1·10⁻⁵</td></tr> <tr><td>1000</td><td>0.89</td><td>0.97</td><td></td><td></td><td></td></tr> <tr><td>1010</td><td>0.89</td><td>0.97</td><td></td><td></td><td></td></tr> <tr><td>1020</td><td>0.89</td><td>0.97</td><td></td><td></td><td></td></tr> <tr><td>1030</td><td>0.89</td><td>0.98</td><td></td><td></td><td></td></tr> <tr><td>1040</td><td>0.89</td><td>0.98</td><td></td><td></td><td></td></tr> </tbody> </table> | | λ [nm] | τ | τ_i | λ [nm] | τ | τ_i | 550 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1050 | 0.89 | 0.98 | 560 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1060 | 0.89 | 0.98 | 570 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1070 | 0.89 | 0.98 | 580 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1080 | 0.89 | 0.98 | 590 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1090 | 0.89 | 0.98 | 600 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1100 | 0.89 | 0.98 | 610 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1110 | 0.89 | 0.98 | 620 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1120 | 0.89 | 0.98 | 630 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1130 | 0.89 | 0.98 | 640 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1140 | 0.89 | 0.98 | 650 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1150 | 0.89 | 0.98 | 660 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1160 | 0.89 | 0.98 | 670 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1170 | 0.89 | 0.98 | 680 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1180 | 0.89 | 0.98 | 690 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1190 | 0.89 | 0.98 | 700 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1200 | 0.89 | 0.98 | 710 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1300 | 0.89 | 0.98 | 720 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1400 | 0.89 | 0.98 | 730 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1500 | 0.89 | 0.98 | 740 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1600 | 0.89 | 0.98 | 750 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1700 | 0.89 | 0.98 | 760 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1800 | 0.89 | 0.98 | 770 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1900 | 0.89 | 0.98 | 780 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 2000 | 0.88 | 0.97 | 790 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 2100 | 0.88 | 0.97 | 800 | 5·10 ⁻⁴ | 5·10 ⁻⁴ | 2200 | 0.87 | 0.96 | 810 | 0.003 | 0.003 | 2300 | 0.86 | 0.95 | 820 | 0.01 | 0.02 | 2400 | 0.86 | 0.94 | 830 | 0.06 | 0.07 | 2500 | 0.85 | 0.93 | 840 | 0.21 | 0.23 | 2600 | 0.82 | 0.90 | 850 | 0.45 | 0.50 | 2700 | 0.76 | 0.83 | 860 | 0.65 | 0.71 | 2800 | 0.14 | 0.15 | 870 | 0.74 | 0.82 | 2900 | 0.07 | 0.08 | 880 | 0.81 | 0.89 | 3000 | 0.05 | 0.05 | 890 | 0.84 | 0.93 | 3200 | 0.03 | 0.03 | 900 | 0.86 | 0.94 | 3400 | 0.03 | 0.03 | 910 | 0.87 | 0.96 | 3600 | 0.02 | 0.02 | 920 | 0.88 | 0.96 | 3800 | 0.02 | 0.02 | 930 | 0.88 | 0.97 | 4000 | 0.05 | 0.05 | 940 | 0.88 | 0.97 | 4200 | 0.04 | 0.04 | 950 | 0.88 | 0.97 | 4400 | 0.03 | 0.03 | 960 | 0.88 | 0.97 | 4600 | 9·10 ⁻⁴ | 0.001 | 970 | 0.88 | 0.97 | 4800 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 980 | 0.88 | 0.97 | 5000 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 990 | 0.88 | 0.97 | 5200 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1000 | 0.89 | 0.97 | | | | 1010 | 0.89 | 0.97 | | | | 1020 | 0.89 | 0.97 | | | | 1030 | 0.89 | 0.98 | | | | 1040 | 0.89 | 0.98 | | | |
| λ [nm] | τ | τ_i | λ [nm] | τ | τ_i | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 550 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1050 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 560 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1060 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 570 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1070 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 580 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1080 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 590 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1090 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 600 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1100 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 610 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1110 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 690 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1190 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 720 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1400 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 730 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1500 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 740 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1600 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 750 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1700 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 760 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1800 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 770 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 1900 | 0.89 | 0.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 790 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | 2100 | 0.88 | 0.97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 800 | 5·10 ⁻⁴ | 5·10 ⁻⁴ | 2200 | 0.87 | 0.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 810 | 0.003 | 0.003 | 2300 | 0.86 | 0.95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 820 | 0.01 | 0.02 | 2400 | 0.86 | 0.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 830 | 0.06 | 0.07 | 2500 | 0.85 | 0.93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 840 | 0.21 | 0.23 | 2600 | 0.82 | 0.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 850 | 0.45 | 0.50 | 2700 | 0.76 | 0.83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 860 | 0.65 | 0.71 | 2800 | 0.14 | 0.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 870 | 0.74 | 0.82 | 2900 | 0.07 | 0.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 880 | 0.81 | 0.89 | 3000 | 0.05 | 0.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 890 | 0.84 | 0.93 | 3200 | 0.03 | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 900 | 0.86 | 0.94 | 3400 | 0.03 | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 910 | 0.87 | 0.96 | 3600 | 0.02 | 0.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 920 | 0.88 | 0.96 | 3800 | 0.02 | 0.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 930 | 0.88 | 0.97 | 4000 | 0.05 | 0.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 940 | 0.88 | 0.97 | 4200 | 0.04 | 0.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 950 | 0.88 | 0.97 | 4400 | 0.03 | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 960 | 0.88 | 0.97 | 4600 | 9·10 ⁻⁴ | 0.001 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 970 | 0.88 | 0.97 | 4800 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 980 | 0.88 | 0.97 | 5000 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 990 | 0.88 | 0.97 | 5200 | <1·10 ⁻⁵ | <1·10 ⁻⁵ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000 | 0.89 | 0.97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1010 | 0.89 | 0.97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Application notes Long pass filter - see section 6.7.1 Status June 1997 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WHILE EVERY ATTEMPT HAS BEEN MADE TO VERIFY THE SOURCE OF THE INFORMATION, NO RESPONSIBILITY IS ACCEPTED FOR ACCURACY OF DATA.

UQG LTD, THE NORMAN INDUSTRIAL ESTATE, 99-101 CAMBRIDGE ROAD, MILTON, CAMBRIDGE, CB4 6AT, ENGLAND. TEL: +44 (0) 1223 420329 FAX: +44 (0) 1223 420506