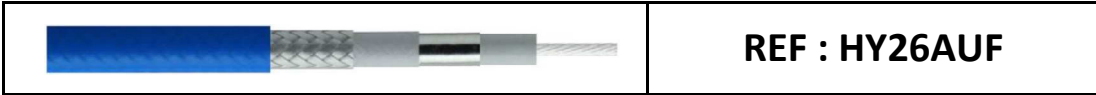


CABLES

LOW LOSS PHASE STABLE ULTRAFLEX COAXIAL CABLE



REF : HY26AUF

| SPECIFICATIONS MECANIKES / MECHANICAL SPECIFICATIONS | |
|--|----------------------------|
| Températures d'utilisation / Temperature range | -55 °C ~ +85 °C |
| Rayon de courbure minimum / Minimum bend radius | 25 mm (stat) / 52 mm (dyn) |
| Poids / Weight | 51 kg/km |

| SPECIFICATIONS ELECTRIQUES / ELECTRICAL SPECIFICATIONS | |
|--|---------------|
| Frequence d'utilisation / Frequency range | DC ~ 26,5 GHz |
| Impédance / Impedance | 50 Ohms |
| Capacité / Capacitance | 80 pF/m |
| Vitesse de propagation / Velocity of propagation | 76 % |
| Efficacité de blindage / Shielding effectiveness | >90 dB |
| Retard linéique / Time delay | 4 ns/m |
| Tension d'utilisation / Voltage Withstand | 1500V DC |

| CONSTRUCTION ET MATERIAUX / CONSTRUCTION AND MATERIAL SPECIFICATIONS | |
|--|-----------------------------|
| Conducteur central / Inner conductor | Stranded SPC wire Ø 1,02 mm |
| Diélectrique / Dielectric | LD PTFE Tape Ø 3,07 mm |
| Tresse de blindage / Inner shield braid | SPC foil Ø 3,27 mm |
| Feuillard inter-blindage / Interlayer | LD-PTFE Ø 3,47 mm |
| Seconde tresse de blindage / Outer shield braid | SPC Braid Ø 3,80 mm |
| Gaine / Jacket | FEP Ø 5,20 mm |

| ATTENUATION ET PUISSANCE / ATTENUATION AND POWER HANDLING | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|-------|-------|-------|-------|--|
| Frequency (MHz) | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 8000 | 10000 | 12000 | 18000 | 26500 | |
| Typical attenuation (dB/m) | 0,35 | 0,55 | 0,70 | 0,83 | 0,95 | 1,05 | 1,22 | 1,37 | 1,50 | 1,80 | 2,25 | |
| Max power handling (W/cw) | 149 | 105 | 85 | 72 | 63 | 55 | 45 | 40 | 37 | 29 | 23 | |

