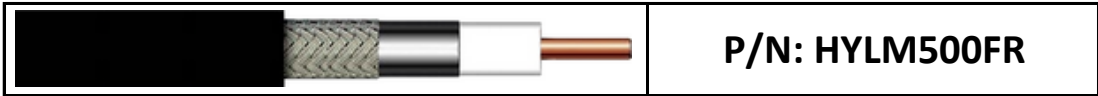


CABLES

**LOW SMOKE ZERO HALOGEN LOW LOSS FLEXIBLE COAXIAL CABLE**



**SPECIFICATIONS MECANIKES / MECHANICAL SPECIFICATIONS**

Type de câble / Cable type	Flame retardant low loss flexible
Températures d'utilisation / Temperature range	-40 °C ~ +80 °C
Rayon de courbure minimum / Minimum bend radius	31.8 mm (stat) / 127.0 mm (dyn)
Poids / Weight	140 kg/km

**SPECIFICATIONS ELECTRIQUES / ELECTRICAL SPECIFICATIONS**

Frequence d'utilisation / Frequency range	DC ~ 6 GHz
Impédance / Impedance	50 Ohms
Capacité / Capacitance	77.5 pF/m
Vitesse de propagation / Velocity of propagation	86 %
Efficacité de blindage / Shielding effectiveness	90 dB (min)
Retard linéique / Time delay	3.88 ns/m
Tension d'utilisation / Voltage Withstand	3000 Vdc / 8000 Vrms

**CONSTRUCTION ET MATERIAUX / CONSTRUCTION AND MATERIAL SPECIFICATIONS**

Conducteur central / Inner conductor	Solid BCCAl Ø 1 x 3.61 mm
Diélectrique / Dielectric	Foam PE Ø 9.40 mm
Conducteur extérieur / Outer conductor	Al tape Ø 9.55 mm
Tresse de blindage / Shield braid	TPC Ø 10.29 mm
Gaine et Couleur / Jacket and Color	Black LSZH PE Ø 12.70 mm

**ATTENUATION ET PUISSANCE / ATTENUATION AND POWER HANDLING**

Frequency (MHz)	30	50	150	220	450	900	1500	1800	2000	2500	5800
Typical attenuation (dB/m)	0,018	0,023	0,040	0,049	0,071	0,103	0,136	0,150	0,159	0,180	0,291
Typical attenuation (dB/m) = ((0.09659 x v(FMHz)) + (0.00026 x FMHz))/30.48 with VSWR = 1.0 and Temperature = 25 °C											
Max power handling (W/cw)	4400	3393	1931	1583	1088	752	569	515	485	428	264
Max power handling with VSWR = 1.0, Temperature = 40 °C, sea level, dry air, atmospheric pressure and no solar loading											

**ATTENUATION (dB/m) / TYPICAL ATTENUATION (dB/m) vs FREQUENCY (MHz)**

