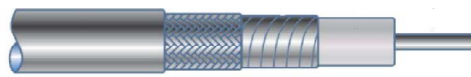


CABLES

**MICROWAVE LOW LOSS HIGH PERFORMANCE
COAXIAL CABLE**



REF : HY1160L

SPECIFICATIONS MECANIQUES / MECHANICAL SPECIFICATIONS

Type de câble / Cable type	Haute puissance / High power
Températures d'utilisation / Temperature range	-55 °C ~ +125 °C
Rayon de courbure minimum / Minimum bend radius	150 mm (stat)
Poids / Weight	1266 kg/km

SPECIFICATIONS ELECTRIQUES / ELECTRICAL SPECIFICATIONS

Frequence d'utilisation / Frequency range	DC ~ 1 GHz
Impédance / Impedance	50 Ohms
Capacité / Capacitance	83 pF/m
Vitesse de propagation / Velocity of propagation	84 %
Efficacité de blindage / Shielding effectiveness	N/A
Retard linéique / Time delay	3,97 ns/m
Tension d'utilisation / Voltage Withstand	1500 Vdc

CONSTRUCTION ET MATERIAUX / CONSTRUCTION AND MATERIAL SPECIFICATIONS

Conducteur central / Inner conductor	Stranded SPC 37x1,3 Ø 9 mm
Diélectrique / Dielectric	Microporous PTFE Film Ø 23,7 mm
Tresse de blindage / Inner shield braid	N/A
Feuillard inter-blindage / Interlayer	Aluminium Plastic Film
Seconde tresse de blindage / Outer shield braid	SPC Braid Ø 24,9 mm
Gaine / Jacket	TPU/Kevlar/TPU Ø 29,5 mm

ATTENUATION ET PUISSANCE / ATTENUATION AND POWER HANDLING

Frequency (MHz)	30	40,68	100	300	500	1000	-	-	-	-	-
Typical attenuation (dB/100m)	0,963	1,124	1,780	3,135	4,512	7,350	-	-	-	-	-
Typical attenuation (dB/100m) with VSWR = 1.0 and Temperature = 25 °C											
Max power handling (kW/cw)	27,06	23,09	14,34	7,86	5,89	3,92	-	-	-	-	-

ATTENUATION (dB/100 m) / TYPICAL ATTENUATION (dB/100 m) vs FREQUENCY (MHz)

