

35 Ohms - TIN PLATED COPPER SEMI-RIGID COAXIAL CABLE



REF : HY141CUTP-35

SPECIFICATIONS MECANIKES / MECHANICAL SPECIFICATIONS

Type de câble / Cable type	tin plated copper .141" semi-rigid
Températures d'utilisation / Temperature range	-50 °C ~ +125 °C
Rayon de courbure minimum / Minimum bend radius	15 mm
Poids / Weight	N/A

SPECIFICATIONS ELECTRIQUES / ELECTRICAL SPECIFICATIONS

Frequence d'utilisation / Frequency range	DC ~ 18 GHz
Impédance / Impedance	35 Ohms +/- 3
Capacité / Capacitance	135 pF/m
Vitesse de propagation / Velocity of propagation	70 %
Efficacité de blindage / Shielding effectiveness	110 dB (min)
Retard linéique / Time delay	4.70 ns/m
Tension d'utilisation / Voltage Withstand	2000 Vrms

CONSTRUCTION ET MATERIAUX / CONSTRUCTION AND MATERIAL SPECIFICATIONS

Conducteur central / Inner conductor	SPCCS wire Ø 1,29 mm
Diélectrique / Dielectric	PTFE Ø 2.995 mm
Conducteur extérieur / Outer conductor	TPC tube Ø 3.58 mm
Gaine et Couleur / Jacket and Color	Unjacketed

ATTENUATION ET PUISSANCE / ATTENUATION AND POWER HANDLING

Frequency (GHz)	0,5	1	2	3	5	10	18				
Typical attenuation (dB/m)	0,290	0,410	0,620	0,790	0,990	1,480	2,190				
Typical attenuation (dB/m) with VSWR = 1.0 and Temperature = 25 °C											
Max power handling (W/cw)	552	385	264	214	162	109	77				
Max power handling (W/cw) with VSWR = 1.0, Temperature = 25 °C and sea level											

ATTENUATION (dB/m) / TYPICAL ATTENUATION (dB/m) vs FREQUENCY (GHz)

