

Technical specifications : Ref. 385401

Standard		EN 50117-2-4																				
Euroclass		Eca																				
Class		A++																				
Inner conductor Diameter	in	0.04																				
Inner conductor Material		Copper (Cu)																				
Inner conductor Resistance	Ω/km	< 22																				
Dielectric Diameter	in	0.181																				
Dielectric Material		Foam polyethylene (PEE)																				
Dielectric Color		White RAL 9003																				
Overlapped foil		Aluminium + Polyester + Aluminium																				
Braid Material		Tinned copper (CuSn)																				
Braid dimensions: No. of carriers (Nc)		24																				
Braid Dimensions: No. of strands per carrier (Ns)		7																				
Braid Dimensions: strand diameter (\emptyset)	in	0.004																				
Braid Resistance	Ω/km	< 10.5																				
Braid Coverage	%	82																				
2nd foil		Yes																				
2nd foil glued to the dielectric		No																				
Petrol-jelly		No																				
Anti-migrating film		No																				
Outer sheath Diameter	in	0.264																				
Outer sheath Material		PVC																				
Outer sheath Thickness	in	0.012																				
Minimum bending radius	in	1.319																				
Transfer impedance (5-30MHz)	$\text{m}\Omega/\text{m}$	< 0.9																				
1GHz shielding	dB	> 105																				
Connector type 1		"F" Compression																				
Connector type 2		"IEC" Female Compression																				
Spark Test	Vac	3000																				
Capacitance	pF/m	54																				
Impedance	Ω	75																				
Velocity ratio	%	84																				
Operating temperature	$^{\circ}\text{F}$	-22 ... 158																				
Frequencies		5 MHz	47 MHz	54 MHz	90 MHz	200 MHz	500 MHz	698 MHz	800 MHz	862 MHz	950 MHz	1000 MHz	1220 MHz	1350 MHz	1750 MHz	2050 MHz	2150 MHz	2200 MHz	2300 MHz	2400 MHz	3000 MHz	
Attenuation (typ.)	dB/m	0.02	0.05	0.05	0.06	0.09	0.14	0.17	0.19	0.19	0.19	0.21	0.22	0.25	0.28	0.3	0.31	0.31	0.32	0.33	0.33	0.36