

connecting the future



TX100 Plus Brown PVC -100M

Article number: 370852

Product description:

TX100 Plus Brown PVC -100M

- Rated according to CPR EN50575 Firestandard Eca

Specifications

ORDER INFORMATION	
EAN Number	5702663708525
CONSTRUCTION	
Inner conductor - material	Cu
Inner conductor - dimension	1.0 +/-0.02 mm
Dielectric - material	Foam PE
Dielectric - dimension	4.6 mm
Shield (First) foil 1 – material	AL bonded foil
Shield (Second) – braid material	Cu Sn
Jacket - material	PVC

SHIELDING	
Screening attenuation @ 30-1000 MHz	>90 dB
Screening attenuation @ 1000-2000 MHz	>75 dB
Screening attenuation @ 2000-3000 MHz	>72 dB
CHARACTERISTICS	
Type	COAX 7mm
LOSS	
Attenuation (at 20°C) @ 5 MHz	2.0 dB
Attenuation (at 20°C) @ 50 MHz	4.2 dB
Attenuation (at 20°C) @ 100 MHz	6.5 dB
Attenuation (at 20°C) @ 200 MHz	8.7 dB
Attenuation (at 20°C) @ 470 MHz	13.3 dB
Attenuation (at 20°C) @ 862 MHz	18.4 dB
Attenuation (at 20°C) @ 1000 MHz	19.9 dB
Attenuation (at 20°C) @ 1750 MHz	26.9 dB
Attenuation (at 20°C) @ 2150 MHz	30.3 dB
RETURN LOSS	
Structural return loss @ 5-470 MHz	>30 dB
Structural return loss @ 470-862 MHz	>28 dB
Structural return loss @ 862-2400 MHz	>25 dB
ELECTRICAL	
Impedance	75 Ω
Capacity	53 pF/m
Velocity ratio	83 %
Inner DC resistance	<26 Ω /km
Outer DC resistance	<15 Ω /km
OPERATIONAL	
Application	Indoor
Fire Class	Eca
DoP number	TR0021
Notified Body	1014
Screening Efficiency	EN50117 (Class B)

MECHANICAL

Cable length	100 m
Minimum bending radius	40 mm
Colour	Brown
Net Weight	5,000 kg
Tara Weight	0,200 kg
Total Weight	5,200 kg
