

connecting the future



## TX100 Plus White PVC -250M

Article number: 370855

### Product description:

TX100 Plus White PVC -250M

- Rated according to CPR EN50575 Firestandard Eca

### Specifications

ORDER INFORMATION	
EAN Number	5702663708556
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
<b>CHARACTERISTICS</b>	
Type	COAX 7mm
<b>LOSS</b>	
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
<b>RETURN LOSS</b>	
Structural return loss @ 5-470 MHz	>30 dB
Structural return loss @ 470-862 MHz	>28 dB
Structural return loss @ 862-2400 MHz	>25 dB
<b>ELECTRICAL</b>	
Impedance	75 $\Omega$
Capacity	53 pF/m
Velocity ratio	83 %
Inner DC resistance	<26 $\Omega$ /km
Outer DC resistance	<15 $\Omega$ /km
<b>OPERATIONAL</b>	
Application	Indoor
Fire Class	Eca
DoP number	TR0021
Notified Body	1014
Screening Efficiency	EN50117 (Class B)
<b>MECHANICAL</b>	
Cable length	250 m

Minimum bending radius	40 mm
Colour	White
Net Weight	13,000 kg
Tara Weight	0,200 kg
Total Weight	13,200 kg

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