

TC540-CCA

Product Description

Conductor	Copper Clad Aluminium
Construction	3.15+/-0.01 mm
Standard Dia. (mm)	3.15+/-0.02
Insulation Layer	Gas Injected Foam PE
Thickness (mm)	4.95
Insulation Dia.	13.03+/-0,02
Insulation Color	White
Outer Conductor	Weld AL Tube
Thickness (mm)	0.35mm
Insulation Dia.	13.72+/-0.02
Jacket	Black PE
Thickness (mm)	0.89mm
Dia. (mm)	15.49mm+/-0.02
Jacket Color	Black
Messenger	Steel
Dia. (mm)	2.77mm



Electrical Characteristics

Inner Conductor DC Resistance at 20°C (Ω /Km)	3.34
Outer Insulation DC Resistance at 20°C ($M\Omega \cdot M$)	1.94
Velocity of propagation (%)	≥ 88
Impedance (Ω)	75+/-2
Min Bend Radius (mm)	102
Operating Temp (°C)	-40~+80
Capacitance (pF/m)	50+/-3
Attenuation at 20°C (-dB/100m) (+/-5%)	

5 MHz	0.46
55 MHz	1.54
83 MHz	1.90
150 MHz	2.59
211 MHz	3.12
250 MHz	3.38
350 MHz	4.03
400 MHz	4.33
450 MHz	4.59
550 MHz	5.12
750 MHz	6.07
865 MHz	6.56
1000 MHz	7.12

Return Loss	
VHF	≥ 23 dB
UHF	≥ 20 dB
Screening Efficiency (dB)	≥ 100 dB

Packaging

Cable Length: 1200m/ Wooden Drum
Wooden drum Size: 110*110*52CM
Pallet Packaging

Marking

ECHOLITE TRUNK CABLE TC540 CCA
year/month meter mark