

# TC540-SSM-CCA

## Product Description

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



## Electrical Characteristics

Inner Conductor DC Resistance at 20°C ( $\Omega$ /Km)	<b>3.34</b>
Outer Insulation DC Resistance at 20°C ( $M\Omega \cdot M$ )	<b>1.94</b>
Velocity of propagation (%)	<b><math>\geq 88</math></b>
Impedance ( $\Omega$ )	<b>75+/-2</b>
Messenger Strength (kgf)	<b>816</b>
Operating Temp (°C)	<b>-40~+80</b>
Capacitance (pF/m)	<b>50+/-3</b>
Attenuation at 20°C (-dB/100m) (+/-5%)	

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

<b>Return Loss</b>	
VHF	<b><math>\geq 23</math> dB</b>
UHF	<b><math>\geq 20</math> dB</b>
<b>Screening Efficiency (dB)</b>	<b><math>\geq 100</math> dB</b>

## Packaging

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

## Marking

ECHOLITE TRUNK CABLE TC540 SSM/CCA  
 year/month meter mark