

Norden Coaxial Trunk Cable for professional digital 2-way CATV, broadband, Internet, video, or audio signal distribution through Hybrid Fibre Coax (HFC) networks, offers lower attenuation. These cables have a Copper Clad Aluminium center conductor and a combination of aluminium strip with PE Outer Jacket.



CABLE CONSTRUCTION

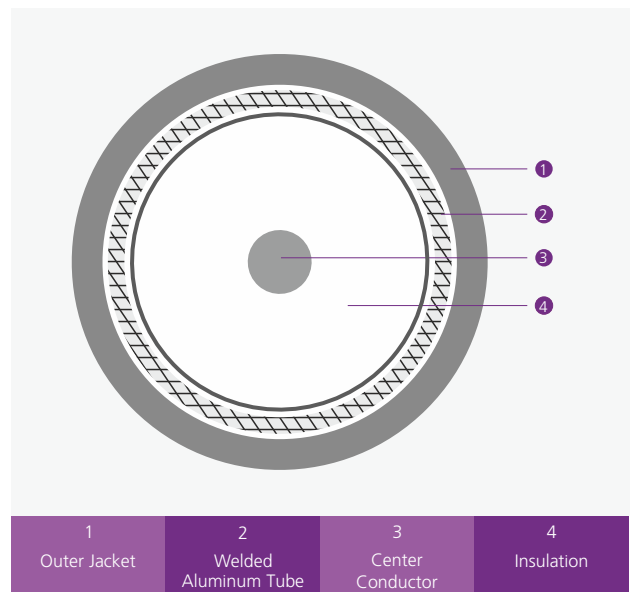
Conductor Copper Clad Aluminium	Dielectric Foam PE (Polyethylene)	Outer Conductor Welded Aluminium Tube	Jacket Color Black
Outer Jacket PE			

PHYSICAL CHARACTERISTICS

Characteristic	Value
Center Conductor Diameter	3.15±0.03
Insulation Diameter	13.03±0.10
Outer Conductor Diameter	13.72±0.10
Outer Jacket Diameter	15.49±0.20
Bend Radius, bonded	101.6 mm Min
Max. Pulling Tension	402N
Operating Temperature	-40°C~+70°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Characteristic Impedance	Ω	75±2
Capacitance	pF/m	50±3
Velocity of Propagation	%	87
Inner Conductor DC Resistance	ohm/km	3.48
Outer Conductor DC Resistance	ohm/km	1.97
DC Loop Resistance	ohm/km	5.45
Return Loss (5-1000 MHz)	dB	30.0



PERFORMANCE CHARACTERISTICS

Frequency at 20°C (MHz)	Attenuation (10% higher) (dB/100m)
5	0.46
55	1.54
250	3.38
300	3.74
350	4.04
400	4.36
450	4.63
500	4.92
550	5.18
600	5.44
750	6.10
870	6.56
1002	7.12

ORDERING INFORMATION

Part Number	Description
475-06JP0E	Coaxial Trunk Cable 75 Ohm CCA - PE