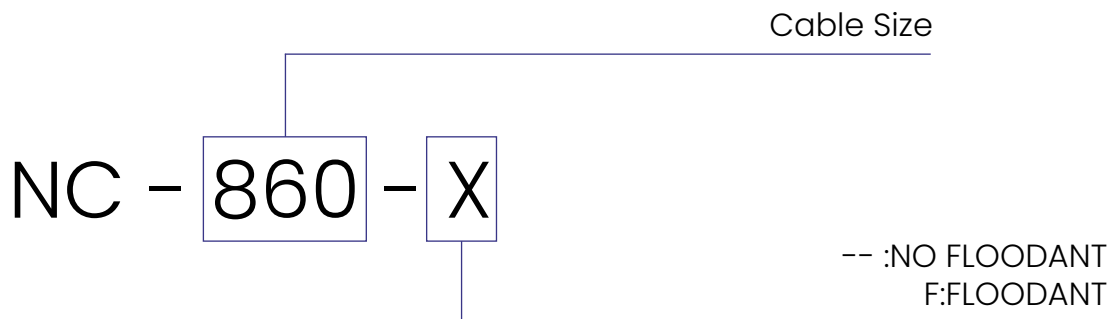


860 Coaxial Hardline 75 Ohm Trunk Cable



Construction: Swaged Solid Aluminum Tube Onto A Stabilized Dielectric Core With A Fully Bonded Copper Clad Center Conductor And Black Pe Jacket.

Ordering Information



Specifications

Center Conductor:
Copper Clad Aluminum
Nominal Diameter: 0.203±0.001" (5.16 ±0.03mm)

Dielectric:
Micro-Cellular Foam Pe
Insulation Grade, Virgin Material, Foam Polyethylene
Nominal Diameter Over Dielectric: 0.828"±0.002" (21.03mm±0.05mm)
Bonding Force: 86 Lbs. Min.

Outer Conductor:
Solid Aluminum Tube
Nominal Diameter Over Outer Conductor: 0.860" (21.84 Mm)
Nominal Inner Diameter Of Outer Conductor: 0.828" (21.03 Mm)
Nominal Thickness Of Outer Conductor: 0.016±0.002" (0.41mm±0.05mm)

Jacket:
Flame Retardant, Sunlight Resistant, Black, Pe Jacket Uv Stabilized.
Nominal Diameter Over Jacket (Doj): 0.960" (24.38mm)
Minimum Point Jacket Thickness: 0.035" (0.89mm)

Flooding Compound (Only NC860F): Polybutane

Material Specifications

Center Conductor Material	Copper-clad aluminum
Dielectric Material	Foam PE
Jacket Material	PE
Outer Conductor Material	Aluminum

Electrical Properties

Capacitance	50.2 PF/m
Impedance	75 +/- 2.0 Ohms
DC Resistance Note	Nominal values based on a standard condition of 20°C (68°F)
DC Resistance, inner Conductor, nominal	1.33 ohms/km 0.406 ohms/kft
DC Resistance, Loop, nominal	2.37 ohms/km 0.724 ohms/kft
DC Resistance, Outer Conductor, nominal	1.04 ohms/km 0.318 ohms/kft
Jacket Spark Test Voltage	5000 Vac
Nominal Velocity of Propagation (NVP)	0.87
Operating Frequency Band	5-3000 MHz
Structural Return Loss	30dB@5-1002MHz 24dB@1002-1218MHz 24dB@1218-1794MHz

Mechanical Specifications

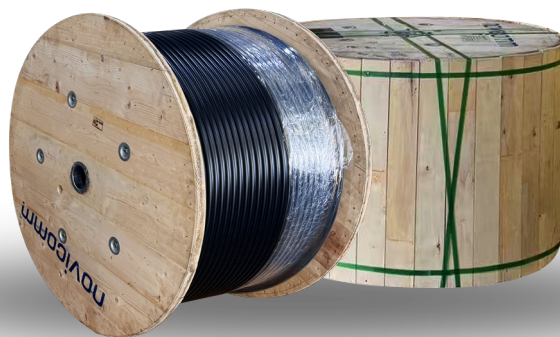
Minimum Bend Radius, bonded	177.8mm 7in
Pulling Tension, maximum	204 kg 450 lb
Jacket Elongation	≥400%
Installation Temperature	-25°C ~ +60°C
Operating Temperature	-40°C ~ +70°C

Attenuation Db/100ft (Db/100m) Max Corrected To 68° F (20°C):

FREQUENCY (MHz)	(dB/100ft @20°C)	(dB/100m @20°C)
5	0.09	0.3
55	0.32	1.05
85	0.4	1.31
211	0.64	2.1
250	0.7	2.3
300	0.76	2.49
350	0.83	2.72
400	0.88	2.89
450	0.95	3.12
500	1	3.28
550	1.06	3.48
600	1.1	3.61
750	1.24	4.07
865	1.33	4.36
1002	1.44	4.72

Packaging Specifications

- Cable Length per Reel: 2460FT | 750M
- Packaging Dimensions: 44"*44"*33.5" | 112*112*85 CM
- Shipping Weight per Reel: 294 kg | 648.2 lbs (NC860)
305 kg | 672.4 lbs (NC860F)



Unless otherwise specified, dimensions, material, electrical and mechanical Specifications shall comply with ansi scte 15. All images are for reference only.