75 Ohm Hardline Coaxial Cable

PPC875ERF

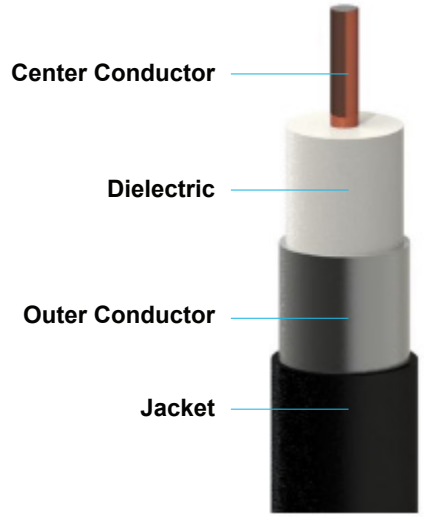
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General Description

875 Series Hardline Coaxial Cable, Black Jacket, Reel Package, Footage Marked

Mechanical Specifications

Specification	Value
Center Conductor	Copper-Clad Aluminum
Nominal Diameter	0.136 in (3.45 mm)
Dielectric	Closed Cell Foamed Polyethylene
Nominal Diameter Over Dielectric	0.563 in (14.30 mm)
Outer Conductor	Aluminum
Nominal Diameter Over Outer Conductor	0.625 in (15.88 mm)
Jacket	Black Polyethylene, UV Stabilized
Nominal Diameter Over Jacket	0.685 in (17.40 mm)
Minimum Bending Radius	4.5 in
Pulling Tension	475 lbs.



Performance Specifications

Specification	Value
Nominal DC Loop Resistance	1.15 ohm/1000 ft.
Nominal Return Loss (5 MHz to 1002 MHz)	-30 dB
Nominal Return Loss (1002 MHz to 1218 MHz)	-24 dB
Characteristic Impedance	75 +/- 2 ohm
Jacket Spark Test Voltage	5000 V
Nominal Velocity of Propagation	87%

Packaging Specifications

Specification	Value
Cable Length per Reel	2460 ft.
Packaging Dimensions	40.2 x 20.5 in (102 x 52 cm)
Shipping Weight per Reel	400 lbs



*Unless otherwise specified, dimensions, material, electrical and mechanical specifications shall comply with ANSI SCTE 15. *Cable image for reference only. Please refer to jacket description for color.*

Ordering Information

Part Number	Description
PPC875ERF	875 Series Hardline Coaxial Cable, Black Jacket, Reel Package, Footage Marked

Performance Specifications

Frequency (MHz)	Maximum (dB/100ft)	Maximum (dB/100m)
5	0.13	0.43
55	0.46	1.51
211	0.92	3.02
250	1.00	3.28
270	1.04	3.41
300	1.08	3.54
330	1.16	3.80
350	1.19	3.90
400	1.28	4.20
450	1.35	4.43
500	1.43	4.69
550	1.51	4.95
600	1.58	5.18
750	1.79	5.87
870	1.95	6.40
1000	2.11	6.92
1218	2.32	7.61

Attenuation (max corrected to 20°C)

RoHS

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