

5730-BW

75 Ohm Coaxial Cable

Drop Cable

PRODUCT DESCRIPTION:

BONDED FOIL, 60% BRAID, PVC JACKET

CENTER CONDUCTOR:

18 AWG COPPER-CLAD STEEL
NOMINAL DIAMETER: 0.040" (1.02 mm)

DIELECTRIC:

GAS EXPANDED POLYETHYLENE
NOMINAL DIAMETER OVER DIELECTRIC: 0.180" (4.57 mm)

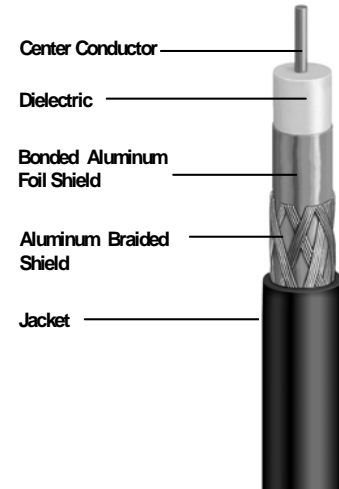
SHIELD:

1ST SHIELD: ALUMUNUM-POLYPROPYLENE-ALUMINUM
LAMINATED TAPE WITH OVERLAP BONDED TO THE
DIELECTRIC
NOMINAL DIAMETER OVER TAPE: 0.187" (4.75 mm)

2ND SHIELD: 34 AWG ALUMINUM BRAID WIRE
60% COVERAGE

JACKET:

PVC JACKET
NOMINAL DIAMETER OVER JACKET: 0.272" (6.91 mm)
NOMINAL JACKET THICKNESS: 0.030" (0.76 mm)



ELECTRICAL PROPERTIES:

IMPEDANCE: 75.0 +/- 3.0 Ohms
VELOCITY OF PROPAGATION: 85.0% NOMINAL
ATTENUATION: @ 68°F (20°C)

Shipping Weight (Lbs.)/1000': 33 lbs.

@ Frequency MHz	dB/100 ft. (NOM.)	dB/100 meters (NOM.)
1 MHz	0.37 dB	1.21 dB
10 MHz	0.66 dB	2.16 dB
50 MHz	1.41 dB	4.62 dB
100 MHz	1.92 dB	6.30 dB
200 MHz	2.64 dB	8.66 dB
400 MHz	3.73 dB	12.23 dB
700 MHz	5.05 dB	16.56 dB
900 MHz	5.79 dB	18.99 dB
1000 MHz	6.11 dB	20.04 dB
1200 MHz	6.73 dB	22.07 dB
1450 MHz	7.49 dB	24.57 dB
1800 MHz	8.43 dB	27.65 dB
2200 MHz	9.35 dB	30.67 dB
2500 MHz	9.97 dB	32.70 dB
3000 MHz	10.92 dB	35.82 dB



BRIGHTWIRE™ IS A DRY, ANTI-CORROSIVE TREATMENT THAT CHEMICALLY COMBINES WITH METAL COMPONENTS TO FORM A PROTECTIVE SHIELD AGAINST WATER AND SUBSEQUENT CORROSION. (EXCEEDS THE SCTE REQUIREMENT FOR CORROSION RESISTANT CABLE)

Drawing not to scale.
Specifications subject to change.
Revised: 06/06/06

