

To: BELDEN

From: BELDEN

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Belden Wire & Cable Company

PRODUCT CODE  
9860

961 772

TECHNICAL  
DATA SHEET

05-19-97 REV. 11

9860

I. DESCRIPTION:

2 #16 AWG SOLID BARE COPPER, 124 OHM TWINAXIAL CABLE.

II. ELECTRICAL CHARACTERISTICS:

NOM. IMPEDANCE:	124 OHMS
NOM. CAPACITANCE BETWEEN CONDUCTORS:	10.9 PF/FT.
NOM. CAPACITANCE BETWEEN CONDUCTOR AND OTHER CONDUCTOR CONNECTED TO SHIELD:	19.3 PF/FT
NOM. VELOCITY OF PROPAGATION:	78%
NOM. DELAY:	1.3 NS/FT.
NOM. LOOP INDUCTANCE:	.24 MICRO H/FT.

ATTENUATION:

NOMINAL	
MHZ	DB/100 FT.
1	.18
10	.71
50	1.8
100	2.9
200	4.1
400	6.2

NOM. SHIELD DC RESISTANCE:	1.3 OHMS/1000 FT.
NOM. CONDUCTOR DC RESISTANCE:	4.2 OHMS/1000 FT.
VOLTAGE RATING:	150 V RMS - UL 300 V RMS - NON-UL

III. PHYSICAL CHARACTERISTICS:

NOM. WEIGHT/1000 FT.:	98 LBS.
MIN. BEND RADIUS:	4.5"
TEMPERATURE RATING:	-20 TO +60 DEG. C
SHIELD TYPE AND COVERAGE:	DUOFOIL +90% T.C BRAID
MAX. PULLING TENSION:	170 LBS.
INSULATION MATERIAL:	CELLULAR POLYETHYLENE
JACKET MATERIAL:	BLACK PVC
OUTSIDE DIMENSIONS:	.440"
APPLICABLE SPECIFICATION:	UL TYPE CL2X OR AWM 2448 OR CMX CSA C(UL) CMX
FLAME RESISTANCE:	VW-1

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