

09-08-11 REV. 0

129290

I. DESCRIPTION:

-----  
RG-6/U TYPE COAXIAL CABLE, ALUMINUM INTERLOCKED ARMOR,  
OVERALL PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

-----  
NOM. IMPEDANCE: 75 OHMS  
NOM. INDUCTANCE: .098 MICRO-H/FT  
NOM. CAPACITANCE CONDUCTOR  
TO SHIELD: 17.3 PF/FT  
NOM. VELOCITY OF PROPAGATION: 78%  
NOM. DELAY: 1.3 NS/FT  
NOM. CONDUCTOR DC RESISTANCE  
@ 25 DEG. C: 7.5 OHMS/1000 FT.  
NOM. SHIELD DC RESISTANCE  
@ 25 DEG. C: 2.0 OHMS/1000 FT.  
STRUCTURAL RETURN LOSS: 23 DB MIN.,  
5 - 450 MHZ  
MAX. OPERATING VOLTAGE: 300 VRMS  
NOM. ATTENUATION:

MHZ	DB/100 FT.	MHZ	DB/100 FT.
-----	-----	-----	-----
1	.2	400	5.3
10	.7	700	7.2
50	1.7	900	8.3
100	2.5	1000	8.8
200	3.6		

III. PHYSICAL CHARACTERISTICS:

-----  
TEMPERATURE RATING: - 40 TO + 80 DEG. C  
CONDUCTOR MATERIAL & DIA: 18 AWG SOLID BARE COPPER  
.037"  
INSULATION MATERIAL & DIA: FOAM POLYETHYLENE  
.180"  
SHIELD TYPE & % COVERAGE: TWO BARE COPPER BRAIDS  
98% COVERAGE  
JACKET MATERIAL & DIA (CORE): PVC (BLACK)  
.288"  
APPLICABLE SPECIFICATIONS (CORE): UL/NEC: CM  
C(UL) CM  
AN INTERLOCKED ALUMINUM ARMOR & PVC JACKET ARE APPLIED  
OVER BELDEN 9290 CORE.  
DIA. OVER ARMOR: .50"

DIA. OVER PVC JACKET:	.60"
MIN. BENDING RADIUS:	7.2"
NOM. WEIGHT/1000 FT.:	155 LBS.
MAX. PULLING TENSION:	220 LBS.
SPECIFICATIONS:	CSA TYPE CMG, HAZARDOUS LOCATIONS
FLAME RATING:	CSA FT4 VERTICAL TRAY UL 1685 VERTICAL TRAY
USE:	SUITABLE FOR INDOOR AND OUTDOOR APPLICATIONS, INCLUDING DIRECT BURIAL.

IV. PRINT LEGEND:

-----

BELDEN 129290 RG-6/U TYPE 450MHZ 1C19 SHIELDED E108998-G (UL) CM  
--- CSA HL CMG (-40C) SUN RES CANADA ROHS {DATE} {COUNTER} MT