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Belden Wire & Cable Company      Product Code      Technical
                                128240           Data Sheet
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03-14-05 REV. 1

128240

I. DESCRIPTION:

RG-58/U TYPE COAXIAL CABLE WITH ALUMINUM INTERLOCKED ARMOR AND PVC OUTER JACKET.

II. ELECTRICAL CHARACTERISTICS:

NOM. IMPEDANCE: 51.5 OHMS
 NOM. INDUCTANCE: .080 MICRO-H/FT
 NOM. CAPACITANCE CONDUCTOR TO SHIELD: 28.5 PF/FT
 NOM. VELOCITY OF PROPAGATION: 66 %
 NOM. DELAY: 1.54 NS/FT
 NOM. CONDUCTOR DC RESISTANCE @ 20 DEG. C: 10.0 OHMS/1000 FT.
 NOM. SHIELD DC RESISTANCE @ 20 DEG. C: 4.1 OHMS/1000 FT.
 MAX. OPERATING VOLTAGE: 30 VRMS (UL-1354)
 1900 VRMS (NON-UL)

NOM. ATTENUATION:

MHZ	DB/100 FT.	MHZ	DB/100 FT.
1	.37	200	6.4
5	.89	400	9.5
10	1.27	700	13.6
50	2.94	900	16.1
100	4.26	1000	17.4

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: - 40 TO + 80 DEG. C
 MIN. BENDING RADIUS: 5.0" ESTIMATED
 MAX. PULLING TENSION: 47 LBS. ESTIMATED
 NOM. WEIGHT/1000 FT: 205 LBS. ESTIMATED
 CONDUCTOR MATERIAL & DIA: 20 AWG SOLID BARE COPPER
 .033" NOM.
 INSULATION MATERIAL & DIA: POLYETHYLENE
 .116" NOM.
 SHIELD TYPE & % COVERAGE: TINNED COPPER BRAID
 95%
 INNER & OUTER JACKET MATERIAL: PVC (BLACK)

AN ALUMINUM INTERLOCKED ARMOR AND PVC JACKET ARE APPLIED OVER THE BELDEN 8240 CORE.

CORE DIAMETER: .193" ESTIMATED
 ARMORED CABLE DIAMETER: .393" ESTIMATED
 OVERALL CABLE DIAMETER: .503" ESTIMATED
 APPLICABLE SPECIFICATIONS: UL/NEC: CM
 CEC C(UL): CMG HL
 UL: UL-1581
 FLAME RESISTANCE: VERTICAL TRAY

* * * * * End of Data for Product 128240 * * * * *