

06-05-13 REV. 4

129250

I. DESCRIPTION

ARMORED RG-22 B/U TYPE, TWINAXIAL CABLE, POLYETHYLENE DIELECTRIC, INNER POLYETHYLENE SHEATH. TWO TINNED COPPER BRAID SHIELDS. PVC INNER JACKET, ALUMINUM INTERLOCKED ARMOR, OVERALL PVC JACKET.

II. ELECTRICAL CHARACTERISTICS

NOM. IMPEDANCE: 95 OHMS
 NOM. INDUCTANCE: .144 μ H/FT
 NOM. CAP. BETWEEN CONDUCTORS: 16.0 PF/FT
 NOM. VELOCITY OF PROPAGATION: 66%
 NOM. DELAY: 1.54 NS/FT

NOMINAL ATTENUATION

| MHZ | DB/100' |
|-----|---------|
| 1 | .3 |
| 10 | .9 |
| 50 | 2.1 |
| 100 | 3.0 |
| 200 | 4.5 |
| 400 | 6.3 |

TRANSFER IMPEDANCE

| MHZ | MILIOHMS/METER |
|-----|----------------|
| 1 | .7 |
| 10 | 1.0 |
| 50 | 7.0 |

NOM. SHIELD DCR @ 20°C: .9 OHMS/1000'
 NOM. CONDUCTOR DCR @ 20°C: 6.6 OHMS/1000'
 MAX. OPERATING VOLTAGE: 750 V (NON-UL), 300V (UL)

III. PHYSICAL CHARACTERISTICS

MIN. BENDING RADIUS: 7.3" ESTIMATED.
 TEMPERATURE RATING: -40°C TO +80°C
 INSULATION MATERIAL: POLYETHYLENE
 INNER SHEATH MATERIAL: POLYETHYLENE
 TYPE SHIELD AND % COVERAGE: 2 T.C. BRAIDS, 95%
 INNER JACKET MATERIAL: PVC
 MAX. PULLING TENSION: 200 LBS.

AN INTERLOCKED ALUMINUM ARMOR AND OUTER PVC JACKET ARE APPLIED OVER THE BELDEN 9250 CORE:

CORE DIAMETER: .416"
 ARMOR DIAMETER: .620"
 OVERALL DIAMETER: .720"
 JACKET MATERIAL: PVC, SUN RES
 AGENCY APPROVALS: (UL) CM, C (UL) CMG