

1/6/12 Revision 1

YR41020

I. Description:

Three conductor 16 AWG (19x29) tinned copper, XLPE insulation, overall Beldfoil shield with 16 AWG (19x29) tinned copper drain wire, FEP jacket

II. Electrical Characteristics:

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|---|--------------------|
| Maximum operating voltage: | 300 V rms |
| Nominal conductor DC resistance @ 20 °C: | 4.1 ohms / 1000 ft |
| Nominal capacitance between conductors of pair @ 1 kHz: | 53 pF / ft |
| Nominal capacitance conductor to shield @ 1 kHz: | 95 pF / ft |
| Maximum continuous current per conductor @ 25 °C | 7 A |

III. Physical Characteristics:

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|----------------------------|-------------------------------------|
| Temperature rating: | -50 - 125 °C |
| Conductor material: | 16 AWG (19x29) tinned copper |
| Insulation material: | XLPE |
| Drain wire material: | 16 AWG (19x29) tinned copper |
| Shield type & coverage: | Aluminum Foil-Polyester Tape – 100% |
| Jacket material: | Halar (ECTFE) |
| Jacket diameter: | 0.232" nom |
| Color Code: | Red, White, and Black |
| Minimum bend radius: | 2.3" |
| Applicable specifications: | None |
| Flame resistance: | UL VW-1 |
| Nominal bulk weight: | 50 lbs / 1000 ft |