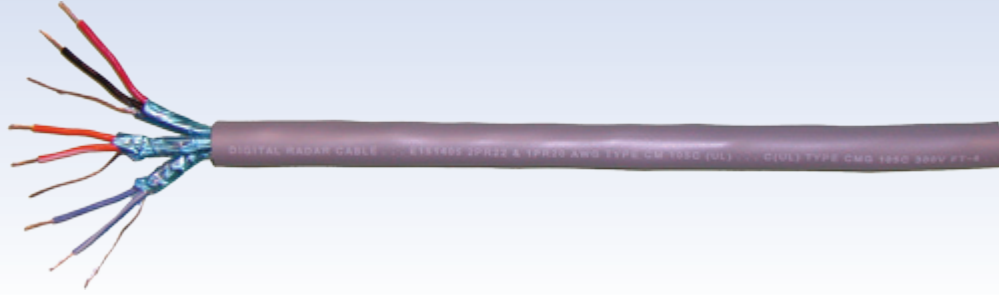


Digital Radar Sensor Composite Cable



Description

This digital radar sensor composite cable allows power and serial communication signals to be passed to a digital radar traffic sensor using a single multi-conductor cable. The use of separate cables to carry these signals can be costly and is often cumbersome for installers when pulling cable through conduit. By combining all of the cables required for most digital radar traffic sensor installations into a single composite cable, we are able to offer a cost effective solution that makes it simple to stock, transport, and install the cable for your next project.

Features and Benefits

- Flexible outer jacket is durable, yet easy to work with
- Low capacitance individually shielded twisted pairs for RS-232/422/485 communication provide error free data transmission
- 20 AWG power wires (w/ earth ground) are ideal for providing power to digital radar sensors
- Clear polyester tape separator protects inner cable jackets when stripping overall outer jacket

Technical Specifications

Overall Outer Jacket:

Nom. Outer Diameter	0.410"
Material	Chrome PVC
Nom. Jacket Thickness	0.053"

Data Cables:

Number of Sets	2
Conductors per Set	3 (includes drain)
Set 1 Colors	Blue, Blue w/ White
Set 2 Colors	Orange, Orange w/ White
Conductor Size & Type	22 AWG, 7/30 TC
Individually Shielded Pairs	Yes, foil shielded
Shield Material	Aluminum polyester
Shield Drain Wire	22 AWG, 7/30 TC
Jacket Type & Thickness	PVC, 0.016"
Nominal DC Resistance	14.8 Ω/MFT DCR @ 20°C
Nominal Capacitance	< 40 pF/ft

Power Cable:

Number of Conductors	3 (hot, neutral, ground)
Conductor Colors	Black, Red
Conductor Size & Type	20 AWG, 10/30 TC
Jacket Type & Thickness	PVC, 0.016"
Nominal DC Resistance	10.4 Ω/MFT DCR @ 20°C
Nominal Capacitance	< 40 pF/ft

Tape Separator:

Material	Clear polyester tape
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