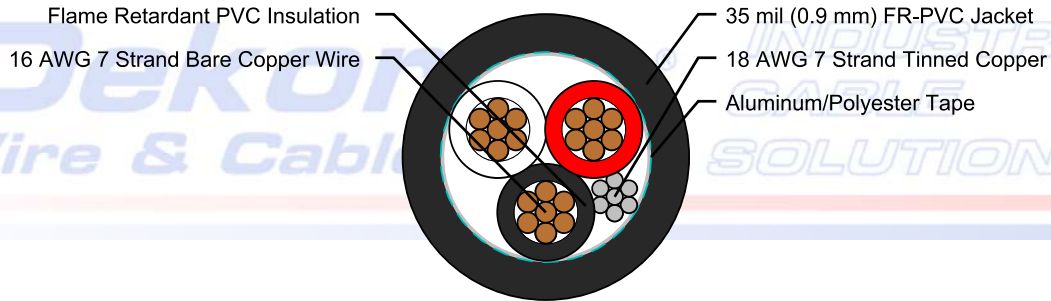


PRODUCT DATA SHEET

Generated on July 5, 2019

Instrumentation Cable

1862-6860R



Voltage Rating: 300V UL PLTC/ITC
Configuration: Single Twisted Triad, Overall Shielded

Components:

Conductor: 16 AWG (1.3 mm²) 7 Strand Bare Copper Wire
Insulation: 15 mil (0.38 mm) FR-PVC
Color Code: Black/White/Red
Triad Drain: 18 AWG 7 Strand Tinned Copper
Triad Shield: Aluminum/Polyester Tape
Ripcord: Nylon Ripcord
Jacket: 35 mil (0.89 mm) FR-PVC, Black

Physical Attributes:

Cable Diameter, Min:	0.264 in	6.7 mm
Cable Diameter, Nom:	0.268 in	6.8 mm
Cable Diameter, Max:	0.308 in	7.8 mm
Cable Weight:	59 lbs/Mft	88 kg/km
Copper Weight:	30 lbs/Mft	44 kg/km
Pulling Bend Radius, Min:	1.85 in	47.0 mm
Pulling Tension, Max:	74 lbs	329 N

Electrical Properties:

Conductor Resistance:	4.18 Ω/Mft	13.71 Ω/km
Inductance:	0.166 μH/ft	0.545 mH/km
Mutual Capacitance:	57 pf/ft	187 nF/km
Grounded Capacitance:	103 pf/ft	338 nF/km
L/R Ratio:		20 μH/Ω

Marking:

DEKORON INSTR CABLE 1862-6860R 1TR 16 AWG CU 105C PVC/PVC SHLD (UL) TYPE PLTC OR ITC SUN RES DIR BUR MT.
 PLEASANT, TX MADE IN USA WWW.DEKORONCABLE.COM (DATE) (LOT) (SEQ LENGTH)