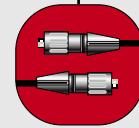


Overmolded Cordsets



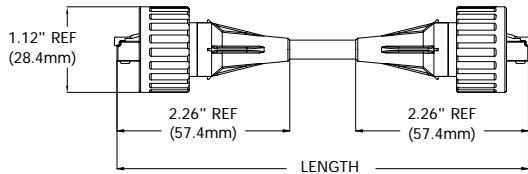
- RJ-45 plug, combined with industrially proven form factor provides a secure robust connection that protects against the effects of vibration and accidental disconnection
- Category 5e compliant
- Several cable options available
- Achieves IEC IP67 rated sealed when mated with a receptacle

TRD3115M



Specifications

CONNECTOR DIMENSIONS



SOLID CORE CABLE

- PHYSICAL**
- CABLE: SOLID CORE
- CONDUCTORS: #24 AWG SOLID BARE COPPER, 0.020" (0.510 mm)
- INSULATION: 0.009" (0.229 mm) OF CELLULAR POLYETHYLENE
- PAIR: 0.04" (1.0 mm) NOMINAL DIAMETER 2 INSULATED CONDUCTORS TWISTED TOGETHER, LAY LENGTHS VARIED BETWEEN PAIRS TO MINIMIZE CROSS TALK
- CORE: 4 PAIRS CABLED TOGETHER
- BINDER: POLYESTER TAPE, 20% OVERLAY MINIMUM
- SHIELD: ALUMINUM/POLYESTER TAPE, 20%OVERLAY MINIMUM
- DRAIN WIRE: #24 AWG STRANDED (1/16") TIN-PLATED COPPER
- JACKET: BLACK POLYURETHANE 0.025" (.635 mm) NOMINAL THICKNESS
- OPERATING TEMPERATURE: -4° TO 176° F (-20° TO 80° C)
- DIAMETER: 0.245" (.6223 mm) NOMINAL
- WIRING SEQUENCE: CHOICE OF TIA/EIA , 568A/B, OR 10 BASE-T
- ELECTRICAL @ 20° C**
- CABLE: SOLID
- CAPACITANCE: 5.6 nF/100 METER MAX
- VELOCITY OF PROPAGATION: 72% NOMINAL
- CONDUCTOR DC RESISTANCE: 9.38 /100 METER MAX
- IMPEDENCE: 100 ±15 OHMS
- DELAY SKEW: 45 nS/100 METER MAX
- TIA/EIA RATING: CATEGORY 5E

FREQUENCY (MHz)	ATTENUATION (dB/100 M max)	NEXT (dB min)
1	2.0	65.3
4	4.1	56.3
10	6.5	50.3
16	8.2	47.3
20	9.3	45.8
31.25	11.7	42.9
62.5	17.0	38.4
100	22.0	35.30