



Technical Specifications

Product Line: **TEKTONE-D2**

Description

3 conductor stranded, twisted, and shielded cable.

NEC type CMR and CEC type CMG FT4. Product manufactured compliant to the requirements of UL444 for installations and applications in accordance with NEC articles 725 and 800.

Conductor

18 AWG

7-strand annealed bare copper conductors

Diameter: 0.048" | 1.22mm

Insulation

Polyethylene

Wall thickness: 0.017" | 0.43mm

Diameter: 0.082" | 2.08mm

Color Code

Orange, Yellow, Green

Assembly

N/A

Construct

Ripcord under jacket

Shield

100% aluminum/poly tape with foil out

20 AWG 7-strand tinned copper drain wire

Jacket

Polyvinyl chloride

Colors: Orange

Wall thickness: 0.032" | 0.81mm

Diameter: 0.240" | 6.10mm

Specification Revision Date:

Electrical

DC resistance: 6.66 Ω / 1000' | 21.84 Ω /KM

Mutual capacitance: 24.0 pF/FT | 78.72 pF/M

Shield capacitance: 43.0 pF/FT | 141.04 pF/M

Impedance: 61 Ω

Velocity of Propagation: 66%

Voltage rating: 300V

Maximum current: 3.75A@25 °C

Regulatory

NEC: CMR 75 °C

CEC: CMG FT4 60 °C

EU RoHS 2002/95/EC Compliant

Packages

Reel: 1000' | 305M

Weight: 42 Lbs/1000' | 62 Kg/KM

Installation

Pull Tension: 40 Lbs | 178 N

Bend radius: 2.40" | 61mm unloaded

Bend radius: 4.80" | 122mm loaded

Applications

Riser and GP data for TekTone® Systems

Riser and GP control and instrumentation

Riser and GP Class 2 and Class 3 power

Performance

N/A

Final Outside Diameter (inches)

0.240

June 15, 2005

