

Dual Insulated Dual Shielded Flexible Terminating Cable

Spec. 4502 • Type CMR • 600C Series

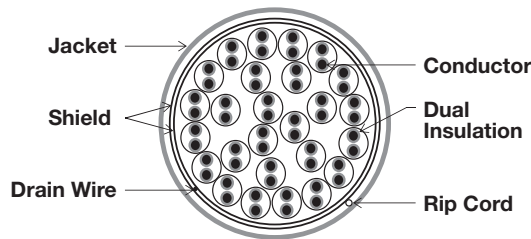


PRODUCT NUMBER	PAIRS	JACKET COLOR	PKG	O.D. (INCHES)	WEIGHT (LBS/KFT)
2117039	6	L.O. Gray	Bulk	0.37	66
2117006	12	DK. Gray	Bulk	0.48	108
2117040	12	L.O. Gray	Bulk	0.48	108
2117041	16	L.O. Gray	Bulk	0.50	134
2117008	25	DK. Gray	Bulk	0.63	191
2117045	28	L.O. Gray	Bulk	0.64	208
2117043	30	L.O. Gray	Bulk	0.65	222
2117044	32	L.O. Gray	Bulk	0.68	234

Data subject to change without notice.

Electrical Characteristics

	22 AWG
DC Resistance (max) Ohms/1000 ft @ 20°C	17.6
Insulation Resistance (min) Megohm - 1000 ft @ 23°C	5000
Mutual Capacitance (nom) nF/1000 ft @ 1 kHz	16.0
Attenuation (nom) dB/1000 ft @ 1.0 MHz dB/1000 ft @ 4.0 MHz dB/1000 ft @ 8.0 MHz	1.6 3.6 4.9
PSNEXT dB/1000 ft @ 0.772 MHz dB/1000 ft @ 1.600 MHz dB/1000 ft @ 3.150 MHz dB/1000 ft @ 6.300 MHz	42 38 33 29
Characteristic Impedance (nom) Ohms @ 1 MHz	100 ± 15



Product Construction

Conductors:

- 22 AWG solid tinned copper conductors

Insulation:

- Inner layer of polyethylene covered by an outer layer of flame-retardant PVC
- Primary insulation, nominal O.D. = 0.042"
- Secondary insulation, nominal O.D. = 0.050"

Color Code:

- See Color Code Chart on page 95

Core Wrap:

- Non-hygroscopic dielectric tape applied longitudinally with an overlap

Shield:

- Two polyester-backed aluminum foil shields

Drain Wire:

- 22 AWG solid tinned copper drain wire is placed between the two shields

Rip Cord:

- Applied longitudinally under jacket

Jacket:

- Flame-retardant PVC
- Sequential footage markings

Packaging

- 1000' reel (RL)
- Bulk reels are available upon request

Applications

- T1/DS1
- DS1C
- DS2
- 10 BASE-T (IEEE 802.3)
- Max. run of 1310 ft.
- For interconnecting (DS1) digital equipment to digital cross-connects (DSX) and computers

Compliances

- Telcordia (Bellcore) analyzed the General Cable 4502 Series - Type 600C Family of Central Office Cables to the criteria in Telcordia GR-137-CORE. Copies of the analysis report are available from General Cable upon request.
- NEC/CEC Type CMR (UL 1666)
- UL 444
- RoHS Compliant Directive 2011/65/EU

