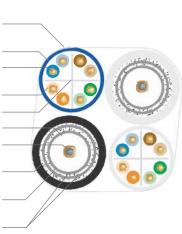


Contra-Helically Applied Binder Yarns Flame Retardant PVC Jacket 23 AWG Solid Annealed Copper Conductor Thermoplastic Insulation Cross-web Separator Insulation PE Foam 18 AWG Copper-Clad Steel Conductor 34 AWG Aluminum Outer Braid (40%) 34 AWG Aluminum Inner Braid (60%) Aluminum Tape Inner/Outer Shields (x2)



CAT 6 UTP Component	Pair Count: 4 Conductor: Solid annealed copper AWG (mm): 23 (0.57) Insulation: Thermoplastic Separator: Cross-web Jacket: Flame retardant PVC
Characteristic Impedance (Ohms)	100 ± 15
Nominal Velocity of Propagation (%)	70
Fiber Component*	62.5/125 μm duplex, 5 mm round, 900 μm tight buffered
Coax RG-6 Quad Shield Component	Conductor: Copper clad steel AWG (mm): 18 (1.02) Insulation: Polyethylene Inner Shield: 2.8 mil aluminum foil Inner Braid: 34 AWG aluminum (60%) Outer Shield: 1.8 mil aluminum foil Outer Braid: 34 AWG aluminum (40%) Jacket: PVC Electrical: See "Coax RG-6, Quad Shield CM/CATV, CMR/CATVR, CMP/ CL2P, Interlock Armored CMR" on page A-75
Binder Yarn	Flexible, dual binder yarns, contra- helically applied

Product Description

Grupo Matel offers multiple configurations of skip-wrapped or bundled riser-rated (CMR) composite cables to support common drop configurations used in residential structured wiring installations. These composite cables improve installation time and reduce the chance of violating minimum bend radius of the cable. The individual components support many technologies, including extended bandwidth satellite service, 1000BASE-T and 100BASE-TX Ethernet and high-definition TV signals. This product is also available with an optical fiber cable.

Applications

- 10BASE-T through 1000BASE-T Ethernet
- Power over Ethernet (PoE) IEEE 802.3af
- PoE+-IEEE 802.3at Type 1 and 2
- · ATM and token ring
- HDTV, CATV, CCTV and DBS

Features		Benefits		
• All-i	n-one cable design	•	Reduces installation time, provides additional protection to the individual cables	
with	6 Quad Shield coaxial cable typical bandwidth exceeds 3 GHz	•	"Future-Proofing" the installation. Supports extended bandwidth satellite service and high-definition TV signals	
• Mult	iple constructions available	•	Customized flexibility for the application	
1	onal optical fiber iises cable	•	Integrated fiber reduces the need to install separate cables for home interior optical networks	
	ble, dual binder yarns, ra-helically applied	•	Maintains maximum flexibility and allows for easy breakout	

Specifications (continued)

Component NRTL Programs	UL, c(UL) Listed CMR
Component Performance Compliance	UL 444 CSA C22.2 No. 214-08 UL 1666 ANSI/TIA-568-C.2 ANSI/ICEA S-83-596-2001 Article 800, NEC (NFPA 70) RoHS-compliant

Part Numbers and Physical Characteristics

		Type and Number of Cable Components			Nominal Diameter	Nominal Weight	
Listing Part Number	Part Number	CAT 6	RG-6 Quad	62.5 2-fiber*	in (mm)	lbs/kft (kg/km)	Package
CMR	1D3-2009SA	1	1	-	0.53 (14)	56 (124)	Cut to length on plywood re
CMR	1D3-5009SA	1	2	-	0.56 (14)	88 (195)	Cut to length on plywood re
CMR	1D3-A009SA	2	1	-	0.51 (13)	81 (178)	Cut to length on plywood re
CMR	1D3-D009SA	2	2	-	0.67 (17)	113 (248)	Cut to length on plywood re
CMR	1D3-J009SA	3	1	-	0.67 (17)	105 (232)	Cut to length on plywood re
CMR	1D3-M009SA	3	2	-	0.81 (21)	137 (302)	Cut to length on plywood re
CMR	1D3-S009SA	4	1	-	0.82 (21)	130 (286)	Cut to length on plywood re
CMR	1D3-V009SA	4	2	-	0.85 (22)	162 (356)	Cut to length on plywood re
CMR	1D3-B169SA	2	1	1	0.56 (14)	95 (210)	Cut to length on plywood re
CMR	1D3-E169SA	2	2	1	0.51 (13)	127 (280)	Cut to length on plywood re
CMR	1D3-K169SA	3	1	1	0.67 (17)	120 (263)	Cut to length on plywood re
CMR	1D3-N169SA	3	2	1	0.67 (17)	152 (334)	Cut to length on plywood re
CMR	1D3-T169SA	4	1	1	0.81 (21)	144 (317)	Cut to length on plywood re

*Other fiber types and fiber counts available upon request.