# **COAXIAL CABLES**



IEEE 802.3 / RG6 / RG11 / RG59 / RG62 dual and quad shields / plenum and riser

### **APPLICATIONS**

Coaxial Cables are offered in several degrees of performance depending upon the chosen application.

IEEE 802.3 coax is used to run Ethernet networks, either as 10Base5 Thicknet or 10Base2 Thinnet. RG6 and RG11 coax are used in high-performance CATV and video systems. RG59 and RG62 coax are used for short run video.

All coax cables feature foamed dielectrics for higher velocities of propagation and greater installation flexibility. Standard packaging is 1000' reels.

Outdoor versions of these cables (featuring polyethylene jackets) are also available.

### **FEATURES**

#### 1. CONDUCTORS

Solid or stranded bare copper or copper covered steel, depending on the application; see chart on back for more information.

#### 2. INSULATION/DIELECTRIC

Plenum rated versions have a foamed FEP insulation; riser rated versions use foamed polyethylene (PE).

#### 3. SHIELD

Aluminum tape foil covered by a dense wire braid of bare or tinned copper or aluminum, depending on the application; see chart on back for more information.

#### 4. JACKET

Plenum or riser rated PVC.

#### 5. IDENTIFICATION

The cable is printed "DRAKA" with sequential footage every two feet.

### RATINGS

Plenum meets CMP, FT-6 per UL and CSA PVC meets CM & CMR, FT-4 per UL and CSA



# **COAXIAL CABLE**



## IEEE 802.3 / RG6 / RG11 / RG59 / RG62 dual and quad shields/plenum and riser

Part Number NEC Rating	Conductor Size & Type	Insulation Type	Shield Types	Jacket Type Cable OD in (mm)	Impedance Ohms	Capacitance pf/ft	Velocity or Propagation	Attenuation dB/100' @ MHz
IEEE 802.3 10BASE5 THICKNET								
397001 (DEC 1700451)	.0855 in	Foam PE	Foil &	PVC	50	27	78%	0.19 @ 1
СМ	Bare Copper		95% TC braid	.405 (10.3)				6.0 @ 1000
497001 (DEC 1700451)	.0855 in	Foam FEP	Foil &	SOLEF	50	25	80%	0.19 @ 1
CMP	Bare Copper		95% TC braid	.380 (9.7)				6.0 @ 1000
IEEE 802.3 10BASE2 THINNET								
397002 (DEC 1701248)	20 19/32	Foam PE	Foil &	PVC	50	27	78%	<b>0.41</b> @ 1
СМ	Tinned Copper		93% TC braid	.165 (4.2)				14.8 @ 1000
497002 (DEC 1701246)	20 19/32	Foam FEP	Foil &	PVC	50	25	80%	0.43 @ 1
CMP	Tinned Copper		95% TC braid	.160 (4.0)				13.9 @ 1000
RG6								
395011	.040 in	Foam PE	Foil &	PVC	75	17.3	78%	<b>0.25</b> @ 1
CMR	Bare Copper		95% TC braid	.285 (7.2)				8.9 @ 1000
495019	.040 in	Foam FEP	Foil &	PVC	75	16.5	84%	0.19 @ 1
CMP	Bare Copper		95% AL braid	.237 (6.0)				9.7 @ 1000
RG6 QUAD SHIELDED								
395014	.040 in	Foam PE	Foil /60% AL braid/	PVC	75	17.3	78%	0.30 @ 1
CMR	Bare Copper		Foil/40% AL braid	.305 (7.7)				7.5 @ 1000
495024	.040 in	Foam FEP	Foil /60% AL braid/	PVC	75	16.5	84%	0.30 @ 1
CMP	Bare Copper		Foil/40% AL braid	.257 (6.5)				7.8 @ 1000
RG11								
395017	064 in	Foam PF	95% BC braid	PVC	75	16.2	78%	017 @ 1
CMR	Bare Copper		JS /0 DC braid	425 (10.8)	15	10.2	1070	5.9 @ 1000
495015	.084 in	Foam FEP	95% BC braid	PVC	75	16.2	85%	0.14 @ 1
CMP	Bare Copper			.345 (8.8)				5.5 @ 1000
PC59								
395003	032 in	Foam DF	95% BC braid	PV/C	75	17 5	78%	036@1
CMR	Conner Covered Steel			242 (61)	15	11.J	1070	12 2 @ 1000
495018	032 in	Foam FFP	95% BC braid	PVC	75	16 5	82%	0.34 @ 1
CMP	Copper Covered Steel			.201 (5.1)	15	.0.0		13.0 @ 1000
DC(2								
<b>NGOZ</b>	025 :	Form FFD	OEO/ DC hanid		OF	12.0	OE0/	0.24 @ 1
473020 CMD	III COURT Covered Steel	FORT		PVC	CE	13.0	03%0	U.34 @ I 12.0 @ 1000
UMP	Copper Covered Steel			.201 (5.1)				13.0 @ 1000

Information is subject to change without notice. Consult factory for a variety of alternate constructions for specific applications.