

## COAXIAL CABLE - RG6 TYPE - 75 Ohms

### CONSTRUCTIONS:

**CONDUCTOR TYPES:** BARE COPPER (BC) OR COPPER CLAD STEEL (CCS).

**INSULATION TYPES:** FOAMED POLYETHYLENE (FOAM PE) OR FOAMED FEP TEFLON (FOAM FEP).

**SHIELDING TYPES:** ALUMINUM FOIL/ALUMINUM BRAID (FOIL+xx% AL BRD), BARE COPPER BRAID (xx% BC BRD), OR COPPER CLAD ALUMINUM (CCA).

**JACKET TYPES:** POLYVINYLCHLORIDE (PVC), POLYETHYLENE (PE), OR PLENUM PVC (PLEN PVC).

Charlotte Wire Part#	Size AWG	Number and Type of Strand	Insulation Type	Core Diameter (in.)	Shield Type	Jacket Type and Color	Approx. O.D. (in.)	Approx. Net Wt. (Lbs/Mft)
<b>RG6 CATV NONPLENUM - NEC TYPE CATV AND CM</b>								
CW09915	18	Solid CCS	Foam PE	.180"	FOIL+60%AL BRD	Black PVC	.270"	30
CW09916	18	Solid CCS	Foam PE	.180"	QUAD: 2 AL FOILS AND 2 AL BRAIDS	Black PVC	.300"	36
<b>RG6 DIRECT BURIAL WITH WATER BLOCK GEL</b>								
CW09917	18	Solid CCS	Foam PE	.180"	FOIL+60%AL BRD	Black PE	.270"	30
<b>RG6 CATV AERIAL - NEC TYPE CATV AND CM</b>								
CW09918	18	Solid CCS	Foam PE	.180"	FOIL+60%AL BRD	Black PVC	.27" x .41"	49
(Aerial is Siamese construction with 16awg(.051") steel messenger)								
<b>RG6 CCTV NONPLENUM - NEC TYPE CM</b>								
CW09919	18	Solid BC	Foam PE	.180"	95% BC BRD	Black PVC	.270"	43
<b>RG6 CATV PLENUM - NEC TYPE CMP</b>								
CW09920	18	Solid CCS	Foam FEP	.170"	FOIL+75%AL BRD	White PLEN PVC	.230"	28
<b>RG6 CCTV PLENUM - NEC TYPE CMP</b>								
CW09921	18	Solid BC	Foam FEP	.170"	95% BC BRD	White PLEN PVC	.225"	36
<b>RG6 CCTV SIAMESE NONPLENUM - NEC TYPE CM</b>								
CW09922	18	Solid BC	Foam PE	.180"	95% BC BRD	Black PVC	.27" X .49"	65
(Coax + 18/2)	18/2	Stranded BC	PVC		(18/2 is nonshielded)			
<b>RG6 CCTV SIAMESE PLENUM - NEC TYPE CMP</b>								
CW09923	18	Solid BC	Foam FEP	.170"	95% BC BRD	White PLEN PVC	.23" x .39"	54
(Coax + 18/2)	18/2	Stranded BC	Plen PVC		(18/2 is nonshielded)			

### APPLICATION:

For various uses in transmitting radio frequency signals such as radio transmitters, computer network connections, cable television, and closed circuit television (including surveillance).

### STANDARDS:

NEC Article 800: Types CM and CMP.

NEC Article 820: Type CATV.