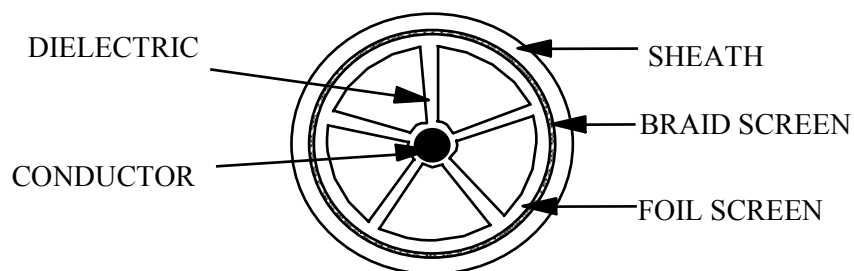


CT167 PE COAXIAL CABLE



ANIXTER No CT167-DUCT

CONSTRUCTION

		Diameter (mm)
INNER CONDUCTOR:	1.67mm Plain annealed solid copper wire	1.67 +/- 0.01
DIELECTRIC:	Five Cell semi-airspace polyethylene	7.28 +/- 0.10
OUTER CONDUCTOR:	Plain annealed copper tape plus a Plain annealed copper wire braid with min cover factor of Kf=0.33 or 55%	7.98 +/- 0.10
SHEATH:	Black Polyethylene	10.5 +/- 0.20
BENDING RADIUS:	100mm Minimum	

ELECTRICAL CHARACTERISTICS

IMPEDANCE:	75.0 +/- 2.5 Ohms
NOM. CAPACITANCE:	53.5 pF/m
NOM. ATTENUATION:	0.9 dB/100m @ 5 MHz
	2.7 dB/100m @ 50 MHz
	3.8 dB/100m @ 100 MHz
	5.4 dB/100m @ 200 MHz
	8.4 dB/100m @ 450 MHz
	9.8 dB/100m @ 600 MHz
	11.9 dB/100m @ 860 MHz
	12.8 dB/100m @ 1000 MHz
RETURN LOSS RATIO:	18dB min @ 450-1000 MHz

Drawing No:		Date:	9 th June 2011
Manf Ref:	CT167	Page No:	1 of 1