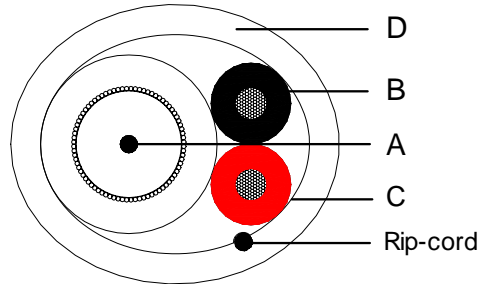


Cat # Y8060 series Datamaster® Composite RG59/U coaxial cable with power feed
(Military Specification)

DESIGN



CONSTRUCTION

Item.	Description	Colour	Specification	
A	Coaxial (RG59/U)	Black	Conductor	0.58 ± 0.012mm copper covered steel
			Insulation	Outside diameter 3.70 ± 0.13mm solid PE
			Shield	(0.16 ± 0.008mm) x 112 ± 2) bare copper braid with minimum >95% coverage
			Jacket	Outside diameter 6.20 ± 0.25mm PVC
B	2-core	One Red & one Black	Conductor	2 x (0.20 ± 0.008mm) x 24 stranded bare copper
			Insulation	2.80 ± 0.15mm PVC
C	Wrapping		Mylar	
D	Outer Jacket	Black	(8.20 ± 1.5mm) x (10.8 ± 1.8mm) PVC	
	Jacket marking		Datamaster® Y8060 RG59 2X24/0.20MM (0.75MM ²)	
	Rip-cord		Terylene thread	

CHARACTERISTICS

Item	Characteristic	Description	Standard	
A	Conductor Resistance	20°C, conductor DC resistance	<235Ω/KM	
B	Conductor Resistance	20°C, conductor DC resistance	<25.6Ω/KM	
A	Insulation Resistance	20°C, insulation resistance	>500MΩ/M	
	Rated Temperature		70°C	
A	Rated Voltage		30V	
A	Capacitance		67.0 ± 3pF/M	
A	Velocity Ratio		66.6 ± 3%	
A	Characteristic Impedance	20°C, 200MHz	75Ω ± 3Ω	
A	Attenuation	20°C -dB/100M (± 10%)	10MHz	3.61
			400MHz	23.8
			1000MHz	39.3

PACKING SPECIFICATION

100-metre or 250-metre PP reels.