DATAMASTER

COMMUNICATIONS PTYLID

RG6/U Dual-shield Coaxial Cable

Y8021-002

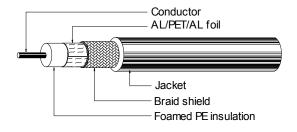


FEATURES

RG6/U dual-shield 75 ohm coaxial cable for Digital TV, CATV, SATV and CCTV/Security Camera applications. Low-loss for use on long runs. Aluminium braid and foil shields. Gas-injected (foamed) PE dielectric. Copper-clad steel conductor for tensile strength and reliable connection to F-Type connectors. Black jacket with count-down metre-marking. Available on 100m reel.

CAT#	COLOUR	LENGTH	PACKING
Y8021-002	Black	100 Metre	Reel

DESIGN & CONSTRUCTION



DESCRIPTION	COLOUR	SPECIFICATION	MATERIALS
Conductor	No./mm 1.02 CCS mm	1.02 (± 0.020)	Copper clad steel
Insulation	No./mm 4.57 FPE	4.57 (± 0.20)	Foamed PE insulation
Shield	AL/PET/AL 64/0.16(AL)	64 (±2); 0.16 (± 0.008)	AL/PET/AL foil shield Aluminium wire braid shield
Jacket	No./mm 6.90 PVC	6.90 (± 0.25)	Black PVC jacket

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ELECTRICAL CHARACTERISTICS			
Conductor resistance	< 10Ω/100M at 20°C		
Insulation resistance	>500MΩ/kM at 20°C		
Rated temperature	70°C		
Rated voltage	30V		
Braid coverage	>60.0%		
Capacitance	53.2 ±5pF/M		
Velocity ratio	85.0 3%		
Charateristic impedance	$75\Omega \pm 3\Omega$ at 200Mhz 20°C		