



Features

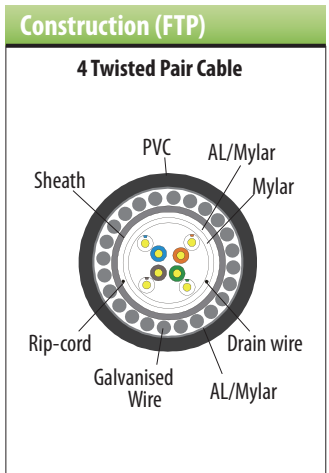
- **Conductor:** 24 AWG, solid copper wires
- **Application:** Used in structured cabling for computer networks such as Ethernet
- **Description:**
 - ~ **Conductor:** Solid plain annealed copper conductors
 - ~ **Insulated:** PE insulated, twisted pair
- **Standard:** ISO/IEC 11801, TIA-568-C.2, YD/T1019, ISO/IEC 11801, ANSI/TIA- 568-C2, UL444

Cat5e F/UTP Armored Cable
C5EUSGA

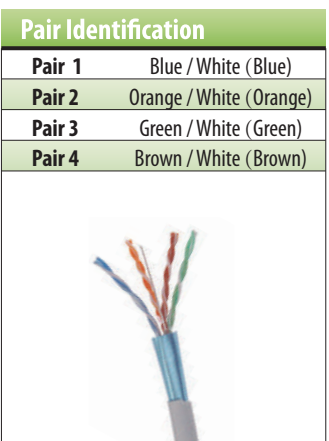


Specifications

General		
Operating Temperature Range		-20°C ~ 75°C
Maximum pulling Tension		70N
Minimum bending Radius		4D mm
Nominal Mutual Capacitance@ 1KHz		5.1 nF / 100m
Maximum Capacitance Unbalance		330 pF / 100m
Maximum Delay @1Hz		570 ns / 100m
Maximum Delay Skew		45 ns / 100m
Maximum Conductor DC Resistance @20°C		9.38 Ω / 100m
Maximum DCR Unbalance @20°C		5%
Maximum Operating Voltage (VRMS)		≤ 80V
Characteristics Impedance		100 Ω
Armoured		SWA 90% Coverage / Nom. O.D ~6.6mm
Physical Properties - Insulation Before Aging		Elongation≥300% / Tensile Strength≥16.5N/mm
Physical Properties - Sheath Before Aging		Elongation≥100% / Tensile Strength≥8N/mm



Specification								
	Frequency MHz	Attenuation (dB/100m)	NEXT (dB)	Return Loss (dB)	ACR (dB)	Power Sum		
						NEXT (dB)	ELFEXT (dB/100m)	ACR (dB)
	1	2.0	65.3	20.0	63.3	63.3	63.8	61.3
	4	4.1	56.3	23.0	52.2	54.3	51.8	50.2
	8	5.8	51.8	24.5	46.0	49.8	45.7	44.0
	10	6.5	50.3	25.0	43.8	48.3	43.8	41.8
	16	8.3	47.2	25.0	39.0	45.2	39.7	37.0
	20	9.3	45.8	25.0	36.5	43.8	37.8	34.5
	25	10.4	44.3	24.3	33.9	42.3	35.8	31.9
	31.3	11.7	42.9	23.6	31.2	40.9	33.9	29.2
	62.5	17.0	38.4	21.5	21.4	36.4	27.9	19.4
	100	22.0	35.3	20.1	13.3	33.3	23.8	11.3



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.