

4 pair Cat 5e 24awg FTP cable PE/CAM/LSZH/GSWB/LSZH

Construction

Conductor	24awg solid plain annealed copper wire
Insulation	high density polythene
Pairs	4 twisted pairs with staggered lays colour coded as: Pair 1 blue & white/blue Pair 2 brown & white/brown Pair 3 green & white/green Pair 4 orange & white/orange
Screen	aluminium PETP laminate tape applied longitudinally with a 0.5mm tinned copper drain wire
Bedding	low smoke, zero halogen
Armour	galvanised steel wire braid
Jacket	low smoke, zero halogen



Complies with ISO/IEC 11801, IEC 1156 & IEC 60332-3/A

Applications on marine & offshore vessels



Local Area Networks
High speed data communications
Structured cabling systems



Electrical Characteristics

Characteristics	Units	MHz	Value
Attenuation	BD/100Mts Max	1	2.1
		4	4.3
		10	6.6
		16	8.2
		20	9.2
		31.25	11.8
		62.5	17.1
		100	22
Next (PS Next)	DB Min	1	65 (62)
		4	56 (53)
		10	50 (47)
		16	47 (44)
		20	45 (42)
		31.25	42 (39)
		62.5	38 (35)
		100	35 (32)
Impedance	Ohm	0.064 1 to 100	125 +/- 25 100 +/- 15
Resistance Unbalance	% Max		3
Conductor Loop Resistance	Ohm/100m Max		30
Vp	Nom		0.66c
Capacitance	PF/m Nom		150
d.c. Insulation Resistance	Mohm km Min		150
Dielectric strength for 1 minute	V a.c.		700

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