

Description: BS 5308 Part 2, Type 1, Collective Aluminium Tape (CAT), PVC Black Sheath.



Construction

Conductor Material : Plain Annealed Copper
Stranding : 0.5mm² (16/0.2mm), 0.75mm² (24/0.2mm)
 1.5mm² (7/0.53mm)
Insulation Material : PVC
Drain Wire : Tinned Copper, 0.5mm² (16/0.2mm), Each Pair
Overall Screen : Aluminium Foil (100% Coverage)
Sheath Material : PVC, Black
Core Identification : See Attached

Electrical Characteristics

Conductor Size		0.5mm ² (16/0.2)	0.75mm ² (24/0.2)	1.5mm ² (7/0.53)
Conductor Resistance @ 20°C		39.7 Ω/km	26.5 Ω/km	12.3 Ω/km
Insulation Resistance		5000 MΩ x km		
Mutual Capacitance @ 0.8 resp. 1 kHz	2 Pair & Above	115 pF/m	115 pF/m	120 pF/m
Capacitance Unbalance @ 1 kHz		250 pF/250m		
L/R Ratio		25 μH/Ω	25 μH/Ω	40 μH/Ω
Voltage Rating		300/500V		
Test Voltage		1000V		

Physical Characteristics

Overall Diameter : See Table
Bend Radius : 6 x OD
Temperature Rating : +70°C
Weight : See Table

Standards

RoHS3 Compliant : Yes
Flame Retardant : BS EN 60332-1-2
CE Compliant : LVD (2014/35/EU),

Part No.	Pairs. x mm ²	Weight kg/km	O/D mm*	Part No.	Pairs. x mm ²	Weight kg/km	O/D mm*
5321005020	2 x 2 x 0.5	75	7.7	5321007100	10 x 2 x 0.75	430	18.4
5321005050	5 x 2 x 0.5	187	12.9	5321007200	20 x 2 x 0.75	740	24.2
5321005100	10 x 2 x 0.5	310	17.0	5321015020	2 x 2 x 1.5	129	9.1
5321005200	20 x 2 x 0.5	527	22.1	5321015050	5 x 2 x 1.5	310	15.5
5321007020	2 x 2 x 0.75	105	8.0	5321015100	10 x 2 x 1.5	570	20.3
5321007050	5 x 2 x 0.75	255	14.0	5321015200	20 x 2 x 1.5	1043	26.9

*Outer diameters are for reference only and can vary between manufacturers, please check at time of order.

Description: BS 5308 Part 2, Type 1, Collective Aluminium Tape (CAT), PVC Black Sheath.

BS 5308 Part 2 Colour Code

Pair	A-Wire	B-Wire
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Grey
6	Red	Blue
7	Red	Orange
8	Red	Green
9	Red	Brown
10	Red	Grey
11	Black	Blue
12	Black	Orange
13	Black	Green
14	Black	Brown
15	Black	Grey
16	Yellow	Blue
17	Yellow	Orange
18	Yellow	Green
19	Yellow	Brown
20	Yellow	Grey

Please Note: Individually screened pairs can also be identified by a polyester tape over black & blue pairs.