



IEC60331/BS6883 BS7917 Cable IAM CAM GSWB150/250V

Stranded tinned annealed copper conductors/Mica Glass Tape / EPR (Ethylene Propylene Rubber) Insulated/Individual aluminium mylar screen (including a tinned copper drain wire)/ZHAL/GSWB (Galvanised Steel Wire Braid)/ZHAL 150/250 volts grade to BS6883, IEC 60331 & IEC 60332. Part 3 Cat A where applicable.

Standard Outer Sheath Colours:

Black, ZHAL: SW4 (0.5% HCL)

Blue

Conductor Identification:

Pairs – 1 Black, 1 White – Each pair numbered

Triples – 1 Black, 1 White, 1 Red – Each triple numbered

Operating Temperature:

Maximum 85°C

Minimum bending -25°C

Oxygen index 32%

HCL 0.5%

Minimum Bending Radius:

8 x Overall diameter

Current Rating:

Refer to Table BEC111

Conductor Size Sq.MM	Individually Screened Pairs				
	Configuration	2 Pair	5 Pair	10 Pair	20 Pair
1.00	Min Insulation Thickness (mm)	0.80	0.80	0.80	0.80
	Min Bedding Thickness (mm)	1.20	1.40	1.70	1.90
	Min Under Armour Diameter (mm)	13.8	18.2	25.6	33.5
	Max Under Armour Thickness (mm)	15.2	19.8	27.6	35.9
	Nom Braid Armour Thickness (mm)	0.75	0.75	0.75	1.13
	Nom Diameter over Braid (mm)	15.9	20.4	28.0	36.9
	Min Sheath Thickness (mm)	1.40	1.50	1.90	2.20
	Min Overall Diameter (mm)	18.3	22.9	31.1	40.4
	Max Overall Diameter (mm)	19.9	24.9	33.5	43.2
	Weight Kg/Km (approx)	559	897	1573	2862

Conductor Size Sq.MM	Individually Screened Pairs				
	Configuration	2 Pair	5 Pair	10 Pair	20 Pair
1.5	Min Insulation Thickness (mm)	0.80	0.80	0.80	0.80
	Min Bedding Thickness (mm)	1.30	1.50	1.70	2.00
	Min Under Armour Diameter (mm)	14.8	21.3	27.3	36.0
	Max Under Armour Thickness (mm)	16.4	23.3	29.3	38.4
	Nom Braid Armour Thickness (mm)	0.75	0.75	1.13	1.13
	Nom Diameter over Braid (mm)	17.0	23.8	30.5	39.4
	Min Sheath Thickness (mm)	1.40	1.70	2.00	2.30
	Min Overall Diameter (mm)	19.2	26.6	33.7	43.1
	Max Overall Diameter (mm)	21.2	28.6	36.1	45.9
	Weight Kg/Km (approx)	616	1247	1880	3227
	BATT Part No Black	67674	67696	67666	
BATT Part No Blue	67700	67748	67410		

Conductor Size Sq.MM	Individually Screened Triples					
	Configuration	1 Triples	3 Triples	5 Triples	7 Triples	12 Triples
1.00	Min Insulation Thickness (mm)	0.80	0.80	0.80	0.80	0.80
	Min Bedding Thickness (mm)	1.10	1.30	1.50	1.50	1.80
	Min Under Armour Diameter (mm)	9.0	18.7	23.1	25.4	34.7
	Max Under Armour Thickness (mm)	10.2	20.3	25.1	27.4	37.1
	Nom Braid Armour Thickness (mm)	0.75	0.75	0.75	0.75	1.13
	Nom Diameter over Braid (mm)	11.0	20.9	25.5	27.8	38.0
	Min Sheath Thickness (mm)	1.20	1.50	1.60	1.70	2.00
	Min Overall Diameter (mm)	13.1	23.3	28.1	30.5	41.2
	Max Overall Diameter (mm)	14.5	25.3	30.1	32.9	44.0
	Weight Kg/Km (approx)	301	864	1239	1465	2528

Conductor Size Sq.MM	Individually Screened Triples					
	Configuration	1 Triple	3 Triples	5 Triples	7 Triples	12 Triples
1.5	Min Insulation Thickness (mm)	0.80	0.80	0.80	0.80	0.80
	Min Bedding Thickness (mm)	1.10	1.40	1.50	1.60	1.90
	Min Under Armour Diameter (mm)	9.5	20.0	24.6	27.3	37.3
	Max Under Armour Thickness (mm)	10.9	22.0	26.6	29.3	39.7
	Nom Braid Armour Thickness (mm)	0.75	0.75	0.75	0.75	1.13
	Nom Diameter over Braid (mm)	11.6	22.4	27.0	29.7	40.7
	Min Sheath Thickness (mm)	1.20	1.50	1.70	1.80	2.10
	Min Overall Diameter (mm)	13.7	24.8	29.7	32.6	44.0
	Max Overall Diameter (mm)	15.1	26.8	32.1	35.0	46.8
	Weight Kg/Km (approx)	329	992	1442	1700	2876
	BATT Part No Blue				67082	