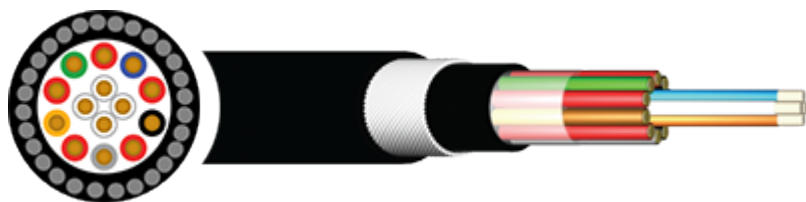


ENATS 09-6 Telecommunications Cable - SWA, LSZH - 0.50mm



Telecommunication cable is predominantly used in electrical instrumentation and communications. The cable is manufactured to specification ENATS 09-6 Section 4.5. (Electrical National Association and Technical specification). ENATS is the governing body who cover utilities specification cables.

Key Features



Installation Guidelines

Recommended for installation at temperatures between 0°C and +40°C



Voltage Rating

110 Volts



Minimum Bending Radius

As Per Manufacturers Datasheet



Flame Retardancy

BS4066 PT1 & IEC 332 PT1



Temperature Limits

Temperature Range: -20°C to +70°C

Construction

- **Insulation:** Low Smoke Zero Halogen (LSZH)
- **Bedding:** LSZH (Low smoke Zero Halogen)
- **Sheath:** Low smoke Zero Halogen (LSZH) to BS 7655
- **Armour:** Galvanised Steel Wire Armour (SWA)

Standards

- ENATS 09-6: Issue 8 Section 4.5 Table E3B, Flame propagation to: IEC BS4066 PT1 IEC 332 PT1

Core Colours

**All two pair cables are in quad formation and colour coded in rotation

White

Red

Blue

Orange

For 30 pair cables the formation will be 3 x 10 pair units numbered - 1, 2 & 3

For 40 pair cables the formation will be 2 x 20 pair units numbered - 1 & 2

For 50 pair cables the formation will be 5 x 10 pair units numbered - 1, 2 3, 4 & 5

For 100 pair cables the formation will be 5 x 20 pair units numbered - 1, 2, 3, 4 & 5.

ENATS 09-6 Telecommunications Cable - SWA, LSZH - 0.50mm - Dimensions

Reference	Conductor Size (mm2)	No Of Pairs	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Nylon Cleat Size	Gland Size
13511	0.5	100	100 Pair	1/0.80	41	3041	1.8	50S
13510	0.5	50	50 Pair	1/0.80	20.74	4823	0.9	25
13506	0.5	20	20 Pair	1/0.80	20.7	783	0.9	25
13504	0.5	10	10 Pair	1/0.80	17.47	598	0.7	20
13503	0.5	5	5 Pair	1/0.80	13.7	326	0.6	20S
13501	0.5	2	2 Pair	1/0.80	9.5	200	NONE	20/16

ENATS 4.5 - CORE COLOURS

PAIR NUMBER	WIRE A	WIRE B
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

PAIR NUMBER	WIRE A	WIRE B
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

All two pair cables are in quad formation and colour coded in rotation - White, Red, Blue, Orange.

For 30 pair cables the formation will be 3 X 10 pair units numbered - 1, 2 and 3.

For 40 pair cables the formation will be 2 X 20 pair units numbered - 1 and 2.

For 50 pair cables the formation will be 5 X 10 pair units numbered - 1, 2 3, 4 and 5.

For 100 pair cables the formation will be 5 X 20 pair units numbered - 1, 2, 3, 4 and 5.

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

For more information contact: 01642 241 133

