

ENATS 09-6 LSZH SCREENED COMMUNICATION CABLE - TELEPHONE



APPLICATION

Telecommunication cable is predominantly used in electrical instrumentation and communications. Telecommunication Cable available in 0.50mm. 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.

CONSTRUCTION

Conductor: Solid Plain Annealed Copper Conductors

Insulation: Low Smoke Zero Halogen (LSZH)

Screen: Collective Aluminium / Mylar tape Screen with 0.5mm² drain wire

Bedding: Low Smoke Zero Halogen (LSZH)

Armouring: Galvanised Steel Wire Armour

Sheath: Low Smoke Zero Halogen (LSZH)

Sheath Colour: ■ Black

**All two pair cables are in quad formation

CABLE STANDARDS

ENATS 09-6: Issue 8 Section 4.5

Flame propagation to:

IEC BS4066 PT1

IEC 332 PT1

CHARACTERISTICS

Temperature Limits: -30°C to +70°C

Minimum Bending Radius: As per cable manufacturer datasheet

**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.

Should not be installed at temperatures below 0°C or above +40°C

ENATS 09-6 LSZH SCREENED COMMUNICATION CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NUMBER OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)	GLAND SIZE	NYLON CLEAT SIZE
13601	0.5	1/0.8	**2	260	10.9	20S	0.5
13603	0.5	1/0.8	5	328	14.33	20S	0.6
13604	0.5	1/0.8	10	602	17.22	20	0.7
13606	0.5	1/0.8	20	790	20.8	25	0.9

ENATS 09-6 LSZH SCREENED COMMUNICATION CABLE - COLOUR TABLE

PAIR NUMBER	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

EACH UNIT IS LAPPED WITH COLOURED TAPE FOR IDENTIFICATION AS FOLLOWS	
1	WHITE
2	WHITE
3	WHITE
4	WHITE
5	WHITE
6	RED
7	RED
8	RED
9	RED
10	RED
11	BLACK
12	BLACK
13	BLACK
14	BLACK
15	BLACK
16	YELLOW
17	YELLOW
18	YELLOW
19	YELLOW
20	YELLOW

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