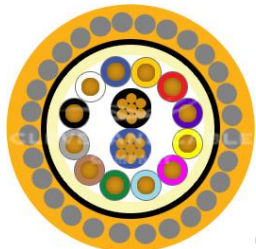


TATA STANDARD TYPE 143 BSC CABLE



APPLICATION

TATA 143 cable is used for transmitting digital and analogue communication signals in instrumentation and control systems. The cable can be used in Group II classified areas of zones 1 and 2 (IEC 60079-14).

CABLE STANDARDS

TATA TYPE 143

Flame propagation to: BS EN 50265
and IEC 60332-1

CONSTRUCTION

Conductor: Tinned Annealed Flexible Copper
Conductors Laid up in pairs

Insulation: Polyvinyl Chloride insulated (PVC)

Screen: Collective Aluminium \ Mylar screen
with 0.5mm² drain wire

Bedding: Polyvinyl Chloride (PVC)

Armouring: Galvanised Steel Wire

Sheath: Polyvinyl Chloride (PVC)

Sheath Colour: Orange

CHARACTERISTICS

Voltage Rating: 300/500 volts

Temperature limits: -20°C to +70°C

Minimum Bending Radius:
As per cable manufacturer datasheet

Core Identification:
To ENATS 3.6 as per table on next page

Should not be installed at temperatures below 0°C

TATA STANDARD TYPE 143 BSC CABLE-DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NUMBER OF PAIRS	WEIGHT (Kg/Km)	OVERALL DIAMETER (MM)	GLAND SIZE	NYLON CLEAT SIZE
BSC1431P	0.75	24/0.20	1	260	10.7	20/16	0.5
BSC1432P	0.75	24/0.20	2	320	16	20S	0.5
BSC1435P	0.75	24/0.20	5	672	16.2	20	0.8
BSC14310P	0.75	24/0.20	10	1112	24.3	25	1
BSC14320P	0.75	24/0.20	20	1665	30.3	32	1.2
BSC14330P	0.75	24/0.20	30	2525	36.5	40	1.6
BSC14350P	0.75	24/0.20	50	4137	46	50	2

CORE COLOURS: TO ENATS 3.6

Pair Number	A Wire	B Wire	Pair Number	A Wire	B Wire
1	BLACK	BLUE	26	WHITE	YELLOW
2	BLACK	ORANGE	27	WHITE	VIOLET
3	BLACK	GREEN	28	BLUE	RED
4	BLACK	BROWN	29	BLUE	YELLOW
5	BLACK	GREY	30	BLUE	VIOLET
6	BLUE	WHITE	31	GREEN	RED
7	BLUE	ORANGE	32	GREEN	YELLOW
8	BLUE	GREEN	33	GREEN	VIOLET
9	BLUE	BROWN	34	RED	GREY
10	BLUE	GREY	35	RED	ORANGE
11	ORANGE	WHITE	36	RED	YELLOW
12	ORANGE	GREEN	37	RED	BROWN
13	ORANGE	BROWN	38	RED	VIOLET
14	ORANGE	GREY	39	GREY	YELLOW
15	GREEN	WHITE	40	GREY	VIOLET
16	GREEN	BROWN	41	ORANGE	YELLOW
17	GREEN	GREY	42	ORANGE	VIOLET
18	BROWN	WHITE	43	YELLOW	BROWN
19	BROWN	GREY	44	YELLOW	VIOLET
20	GREY	WHITE	45	BROWN	VIOLET
21	BLACK	WHITE	46	TURQUOISE	BLACK
22	BLACK	RED	47	TURQUOISE	BLUE
23	BLACK	YELLOW	48	TURQUOISE	RED
24	BLACK	VIOLET	49	TURQUOISE	ORANGE
25	WHITE	RED	50	TURQUOISE	YELLOW