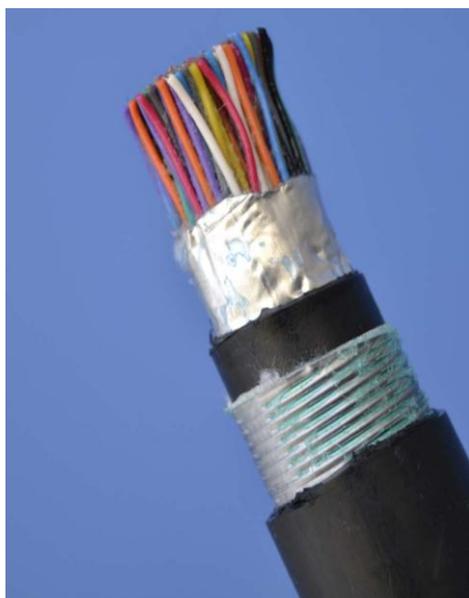


TELEPHONE ARMoured CABLE

100 Pairs Telephone Armoured Jelly Filled Cable

Part # : 31100

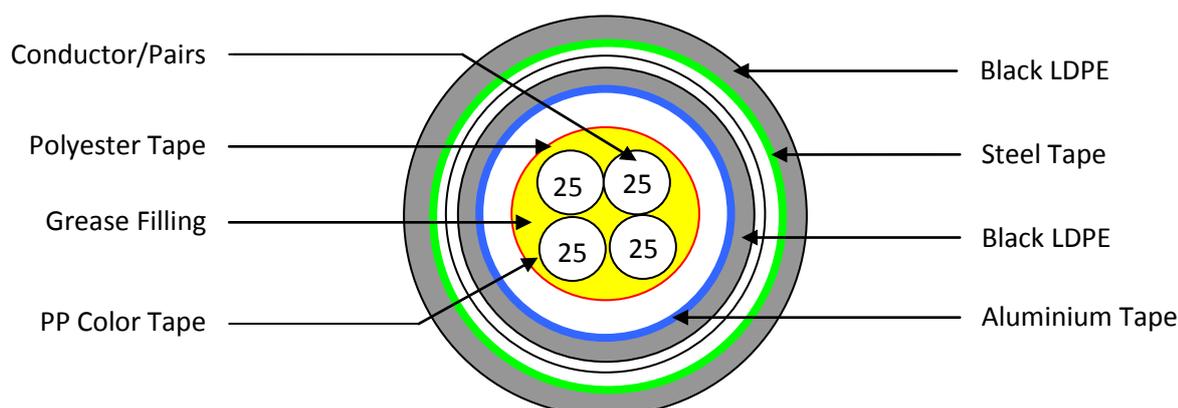


CONSTRUCTION	
Conductor:	
Nos.	200
Dia (mm)	0.6
Material	Solid Bare Annealed Copper
Insulation:	
Nos.	200
Dia (mm)	1.0
Material	High Density Polyethylene (HDPE)
Shield (1):	
Nos.	04
Material	Spiral PP Color Tape (Spiraled 25x4 Pairs)
Shield (2):	
Nos.	02
Material	Wrapped with Polyester Tape
Shield (3):	
Nos.	01
Thickness (mm)	0.25
Material	Spiral with Non-Corrugated Aluminium Tape
Shield (4):	
Nos.	01
Thickness (mm)	1.4
Material	Black Low Density Polyethylene (LDPE)
Shield (5):	
Nos.	01
Thickness (mm)	0.25
Material	Wrapped with Co-Polyester Coated Corrugated Steel Tape
Shield (6):	
Nos.	01
Thickness (mm)	2.0
Material	Black Low Density Polyethylene (LDPE)

Features:

- Copper 22AWG (0.6mm)
- Two Twisted Wire
- Core Waterblocking Grease Filling
- Inner & Outer Black LDPE Sheath
- Moisture Proof Belt
- Corrugated Steel Tape
- Non-Corrugated Aluminium Tape
- No Cross Talk
- All Pairs Can Be Used Simultaneously
- Packaging 500 or 1000 Meters

Design:



INSULATION CHROMATOGRAM

Number	Insulation Chromatogram						
1	White-blue	26	White-blue	51	White-blue	76	White-blue
2	White-orange	27	White-orange	52	White-orange	77	White-orange
3	White-green	28	White-green	53	White-green	78	White-green
4	White-brown	29	White-brown	54	White-brown	79	White-brown
5	White-grey	30	White-grey	55	White-grey	80	White-grey
6	Red-blue	31	Red-blue	56	Red-blue	81	Red-blue
7	Red-orange	32	Red-orange	57	Red-orange	82	Red-orange
8	Red-green	33	Red-green	58	Red-green	83	Red-green
9	Red-brown	34	Red-brown	59	Red-brown	84	Red-brown
10	Red-grey	35	Red-grey	60	Red-grey	85	Red-grey
11	Black-blue	36	Black-blue	61	Black-blue	86	Black-blue
12	Black-orange	37	Black-orange	62	Black-orange	87	Black-orange
13	Black-green	38	Black-green	63	Black-green	88	Black-green
14	Black-brown	39	Black-brown	64	Black-brown	89	Black-brown
15	Black-grey	40	Black-grey	65	Black-grey	90	Black-grey
16	Yellow-blue	41	Yellow-blue	66	Yellow-blue	91	Yellow-blue
17	Yellow-orange	42	Yellow-orange	67	Yellow-orange	92	Yellow-orange
18	Yellow-green	43	Yellow-green	68	Yellow-green	93	Yellow-green
19	Yellow-brown	44	Yellow-brown	69	Yellow-brown	94	Yellow-brown
20	Yellow-grey	45	Yellow-grey	70	Yellow-grey	95	Yellow-grey
21	Purple-blue	46	Purple-blue	71	Purple-blue	96	Purple-blue
22	Purple-orange	47	Purple-orange	72	Purple-orange	97	Purple-orange
23	Purple-green	48	Purple-green	73	Purple-green	98	Purple-green
24	Purple-brown	49	Purple-brown	74	Purple-brown	99	Purple-brown
25	Purple-grey	50	Purple-grey	75	Purple-grey	100	Purple-grey

CHARACTERISTICS

Direct Current Resistance of Single Conductor - Maximum (OHM/KM)	65.1
Imbalance of Direct Current Resistance to Pair - Maximum (%)	5.0
Insulation Resistance of Each Single Insulated Conductor to Other Conductors Shield DC 500V (M.OHM/KM)	>3000
Working Capacitance (800Hz/k) - Maximum (NF/KM)	10 pairs ≤58 >10 pairs ≤57
Pair to Pair Capacitance Unbalance (800Hz/300M) - Maximum (PF/KM)	≤250
Electrical Strength (DC): Sustainable Time Between conductor and conductor Between conductor and shield	1min 1KV 3KV