

TD-5CA31-0180

CCTV ULTRA 3+1 CABLE

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TVT CCTV Ultra cable 3+1 is hybrid cable with three power cores and one video core to be used between CCTV camera and control room devices.

FEATURES

- CCTV 3+1 hybrid type construction
- Combination of electrical and communication conductors
- Three power cores for powering CCTV cameras
- Video core with Al Alloy braiding for communication with central monitoring and recording devices
- Flame retardant Ultra cable



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For more information, please visit our website

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TECHNICAL SPECIFICATIONS

POWER CORE CONDUCTOR	
Conductor Type	Stranded Annealed Bare Copper Conductor
No. of Wire/Size of Wire (Nos./mm)	7/0.152 ± 0.01 mm
Insulation	PVC
No. of Core	03
Color Code	Red, Yellow, Blue
Core O.D.	1.45 ± 0.20 mm

VIDEO CORE	
Conductor Type	Solid Annealed Bare Copper Conductor
No. of Wire/Size of Wire (Nos./mm)	01/0.61 ± 0.03 mm
Insulation	HDPE
No. of Core	01
Color Code	Natural
Diameter	1.50 ± 0.1 mm

SHIELD (VIDEO CORE SHIELDING)	
Shielding	Poly Laminated Aluminum Foil with Myler Tape
Braiding	Al Alloy 48 wires (16 Spindles, 3 wires in each spindle)
Video Core Jacketing	PVC
Color of Jacket	Black
Video Core OD	2.8 ± 0.30 mm

OUTER SHEATH	
Material	FR-PVC (IEC 60332-1)
Color of Jacketing (As per Customer Required)	White
Thickness of Outer Jacket	0.75 ± 0.2 mm
Outer Dia.	5.80 ± 0.40 mm
Sequential Marking	At Every Meter
Packing	
Standard Length	90M or 180 in box

LOW FREQUENCY ELECTRICAL & MECHANICAL PARAMETER

- Conductor Resistance (DC) of Solid: 62 OHM/Km (@20°C. (Max)
- Conductor Resistance (DC) of Stranded: 155.0 OHM/Km (@20° C. (Max)
- Braiding Resistance -75.0 OHM/Km at 20 °C
- Loop Resistance -138.0 OHM/Km at 20 °C
- Capacitance -158 nF/Km
- T.S. in PVC Jacket - 12.5N/SQmm (Min)
- Elongation in PVC Jacket - 150% (Min)



CCTV 3+1



FR-PVC

Ordering Information (part Codes And Description)

No.	PartCode	Description
1	TD-5CA31-0180	CCTV 3+1 Ultra Cable with Al Alloy Braiding 90 Mtrs