

COMBI (7x26AWG + 3xRG-179 B/U) OBS Cable

HYBRID & COMPOSITE CABLES

P/N 9026P10101

DEFENSE

Applications

Fixed or portable installation, Control and audio applications, Indoor



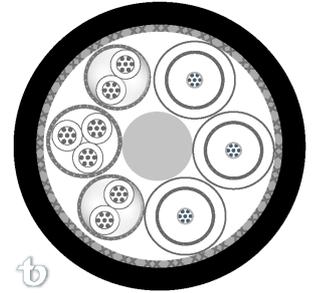
Outer Jacket Material
PTR-150



Outer diameter
10.5 mm nom.



Weight
175 kg/km



General Construction

Control and video applications cable contains:

- 2 - 26 AWG individual tin coated copper shielded twisted pairs
- 1 - 26 AWG individual tin coated copper shielded twisted triad
- 3 - [RG-179 75 Ohm coaxial](#)

All components are cabled into a cable core and overall shielded with a tin copper braid. Shielded core is sheathed with a flexible PTR 150 compound having excellent abrasion and oil resistance.

Design & Materials

Detailed Construction

BASIC WIRES:

Conductor: Stranded tinned copper, 19x0.10 mm, 26 AWG.
 Insulation: XLETFE per M22759/32 -65°C +150°C
 O.D: 0.81 mm nom.
 Total number of wires: 7.
 Color Code: White.
 Total number of twisted and shielded pairs: 2.
 Total number of twisted and shielded triads: 1.
 Individual Shield: Tin coated copper braid, 95% min. coverage.
 DC Resistance: 143.0 Ohm/Km max. @ 20°C.
 Voltage Rating: 600 V.

Insulation Material	Various Materials
Binder	Polyester
Overall Braid Material	Annealed Tinned Copper
Braid Coverage (% nom)	85
Total Number Of Conductor Units	7
Total Number Of Coaxial Elements	3
Outer Jacket Color	Black
Marking	Per request

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Performance

Dielectric Strength (V/minute)	1000
Dielectric Strength to Shield (V/minute)	500
Min. Operating Temperature (°C)	-40
Max. Operating Temperature (°C)	+90
UV Resistance	Yes

Standards

Flammability Rating
IEC 60332-1
UL 1581 VW-1

Applicable Standards
RoHS 3 2015/863/EU



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