

COMBI 18 ALHUT OBS BLACK HYBRID & COMPOSITE CABLES P/N 9847318101

DEFENSE

Applications

Indoor and outdoor, Fixed or portable installation, Control and audio applications



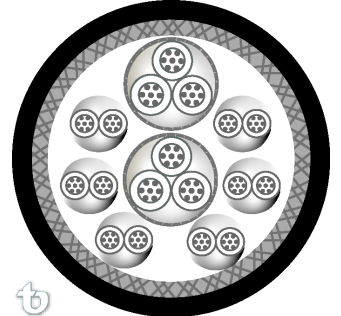
Outer Jacket Material
FR-PVC



Outer diameter
11.5 mm nom.



Weight
202 kg/km



General Construction

The cable contains:

6 - 24 AWG PVC insulated twisted pairs.

2 - 22 AWG PVC insulated twisted triads (TT), TC braid shielded.

All components are cabled together, overall TC braid shielded and jacketed with a PVC compound.

Design & Materials

Detailed Construction

Basic Wires:

24 AWG Wires:

Conductor: Stranded tinned copper, 19x0.127 mm, 24 AWG.

Insulation: PVC 1.12 mm nom., -45°C to 105°C, per MIL-W 16878.

Total number of wires: 12.

Color Code: White numbered from 7 to 18 including

DC Resistance: 86.5 Ohm/Km max. @20°C.

22 AWG Wires:

Conductor: Stranded tinned copper, 19x0.160 mm, 22 AWG.

Insulation: PVC 1.27 mm nom., -45°C to 105°C, per MIL-W 16878.

Total number of wires: 6.

Total number of twisted triads: 2,

Individual triad Shield: TC braid shielded with min. coverage of 85%.

Color Code: White numbered from 1 to 6 including

DC Resistance: 54.0 Ohm/Km max. @20°C.

Overall Shield Design	Braid
Overall Shield Material	Tinned-copper braid
Overall Braid Shield	Yes
Overall Braid Material	Annealed Tinned Copper
Braid Coverage (% nom)	85
Total Number Of Conductors	18
Rip-Cord	Yes
Outer Jacket Thickness (mm nom)	1.2
Outer Jacket Color	Black

COMBI 18 ALHUT OBS BLACK

P/N 9847318101

DEFENSE

Marking

Per request

Performance

Dielectric Strength (V/minute)	1500
Voltage Rating (V)	300
Min. Bend Radius (mm)	105
Min. Operating Temperature (°C)	-45
Max. Operating Temperature (°C)	+105
UV Resistance	Yes

Standards

Flammability Rating
IEC 60332-1
UL 1581 VW-1

Applicable Standards
RoHS 3 2015/863/EU



Teldor Cables & Systems Ltd. ("Teldor") reserves the right to make changes to the products described in this catalog without prior notice. Teldor does not assume any liability which may occur due to the use of the products described herein. Drawings may not be to scale and are provided for general and informational purposes only. The information contained in this catalog is the proprietary property of Teldor, and may not be used, reproduced or disclosed to others, in whole or in part, without the written authorization of Teldor.

Version 1.8 | Last update: 2023-05-21