

Part Number

WAVE CABLES 

WC-CAT6-C6-4P23S-XX-DUCT

23 AWG OUTDOOR CAT 6 F/UTP LOW SMOKE ZERO HALOGEN SHEATH NETWORK CABLE

Overall Foil Screen • Low Smoke Zero Halogen • Duct Grade

Version Number
V1.0

Date
08/09/26

CABLE USE CASE

IP Devices: Intercom panels, handsets, access control panels, cameras & edge devices

CABLE CONSTRUCTION

4 x 23 AWG Pair Cat6 Shielded

INSULATION

Extruded HDPE (High Density Polyethylene)

OVERALL SHIELD

Aluminium/polyester foil shield

RIPCORD

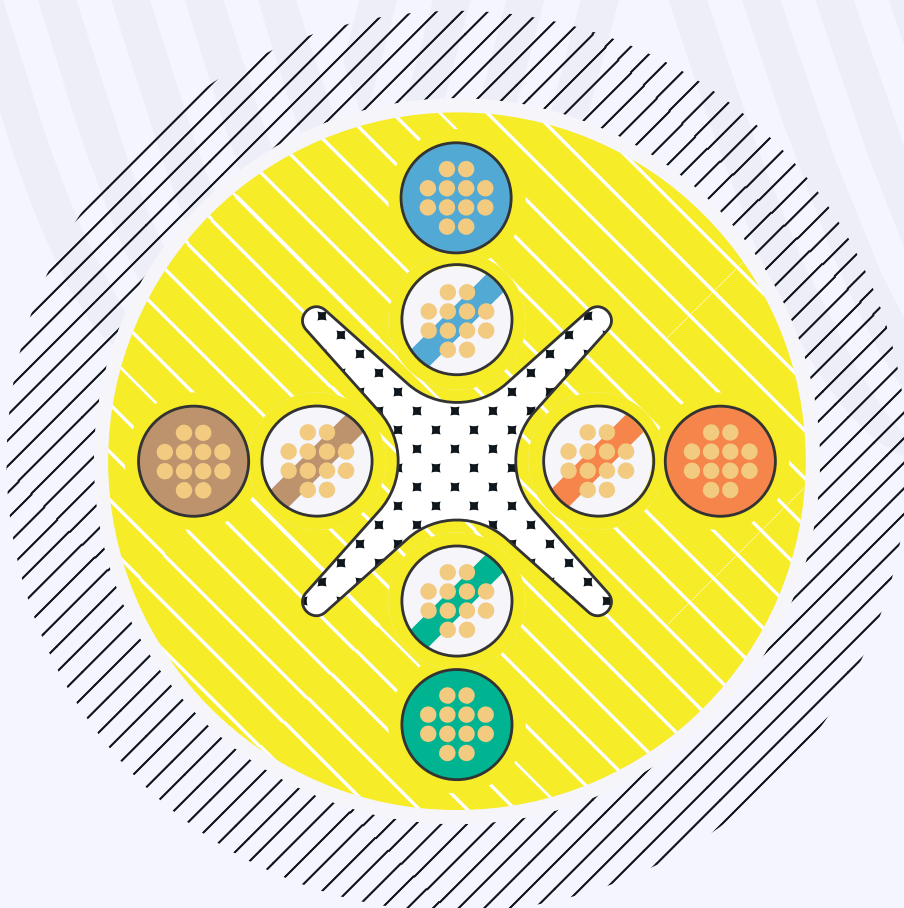
Easy-strip ripcord for quick sheath removal.

INNER SHEATH

Extruded LSZH (Low Smoke Zero Halogen)

OUTER SHEATH

Extruded PE (Polyethylene)



● Conductor • ■ Dividing Spline • ■ Collective Screen

▨ Outer Sheath • ■ Cores • ■ Ripcord

ELECTRICAL CHARACTERISTICS @20°C

Max Conductor Resistance	95 Ω
DC Conductor Resistance Unbalance	2 %
Insulation Resistance	5000 M Ω /km
Mutal Capacitance	50 nF/km
Capacity Unbalance	1200 pF/km
Velocity Propagation	69 %

TEMPERATURE

Operating Temperature Range	-25 to 60 °C
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7.60mm
(To Scale)



WC-CAT6-C6-4P23S-BK-DUCT

NOMINAL DIMENSIONS

Conductor Gauge	23 AWG
Inner Sheath Diameter	6.00mm
Outer Sheath Diameter	7.60mm

SHEATH COLOUR

■ Black Outer Sheath
■ Yellow Inner Sheath

Also available in other colours:

WH	YL	VT	OR	GR	BL	BK	RD	GY
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Scan To Enquire

Or contact us on:

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www.wavecables.com/contact

