Part Number

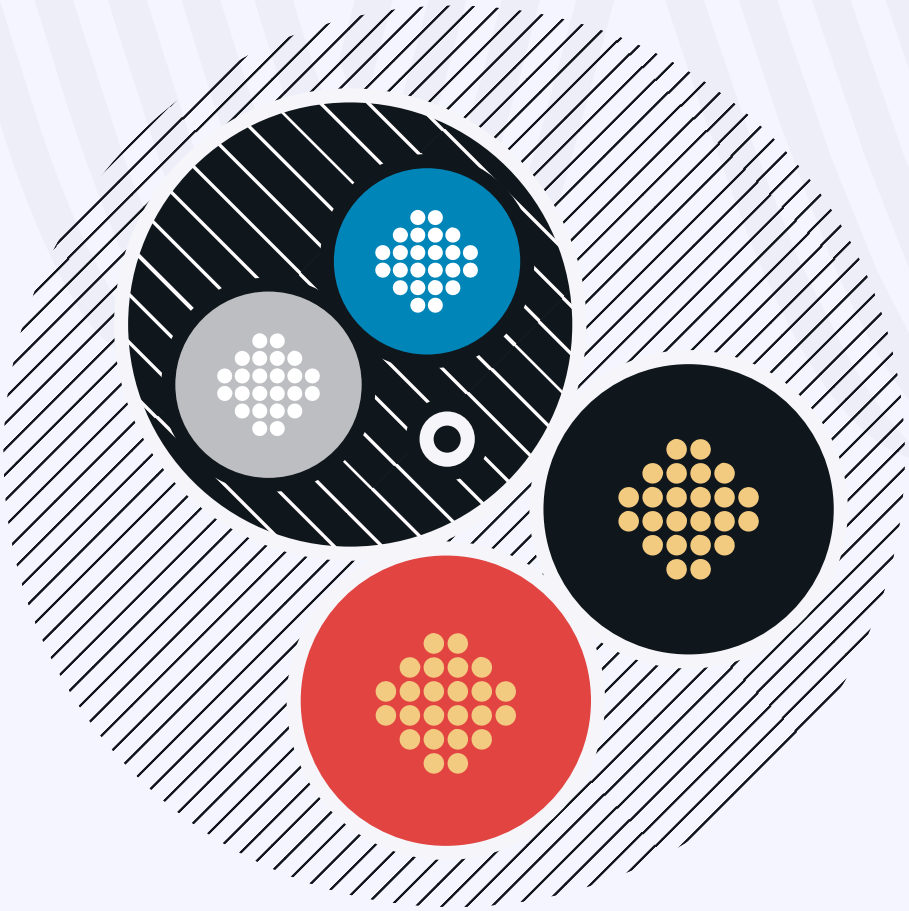
WAVE CABLES

WC-OSDP-04-1P22S-2C18N-XX-CCA

22 AWG 1 PAIR & 18 AWG 2 CORE LOW SMOKE ZERO HALOGEN CABLE

Internal Ripcord • Flexible copper conductor cores • Cca fire rating (CPR)

Version Number	Date
V1.0	14/07/26



Conductor • Collective Screen • Outer Sheath

Core • Pair • Ripcord

CABLE USE CASE

Card Reader OSDP
Biometric Reader OSDP

CABLE CONSTRUCTION

1x 22AWG Twisted Shielded Pair (Data)
1x 18AWG Pair (Power)

INSULATION

22 AWG - Extruded HDPE (High Density Polyethylene)
18 AWG - Extruded LSZH (Low Smoke Zero Halogen)

SHIELD

Aluminium/Polyester Foil Shield (Twisted Data Pair Only)

CORE SEPARATION

Internal separator tape that maintains cable structure and conductor organisation.

RIPCORD

Easy-strip ripcord for quick sheath removal.

SHEATH

Extruded LSZH (Low Smoke Zero Halogen)

ELECTRICAL CHARACTERISTICS @20°C

Voltage	300 V
Maximum DC Resistance (22AWG)	59 Ω/km
Maximum DC Resistance (18AWG)	26 Ω/km
Nominal Mutual Capacitance (Pairs)	40 pF/m
Nominal Mutual Capacitance (Cores)	89 pF/m
Impedance (Pairs)	120 Ω

TEMPERATURE

Operating Temperature Range	-25 to 75 °C

PHYSICAL

Minimum Bend Radius	10 x Ø

FIRE PERFORMANCE

CPR Classification	Cca

7.75mm
(To Scale)



INSULATION DIAMETER

22 AWG	2.15 mm
18 AWG	1.72 mm

OUTER SHEATH DIAMETER

7.75 mm

OUTER SHEATH COLOUR

Black

Also availible in other colours:

WH YL VT OR GR BL BK RD GY

Scan To Enquire
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