

WAVE CABLES



RAPID DEPLOYMENT CABLE SYSTEM

Version Number
V1.0

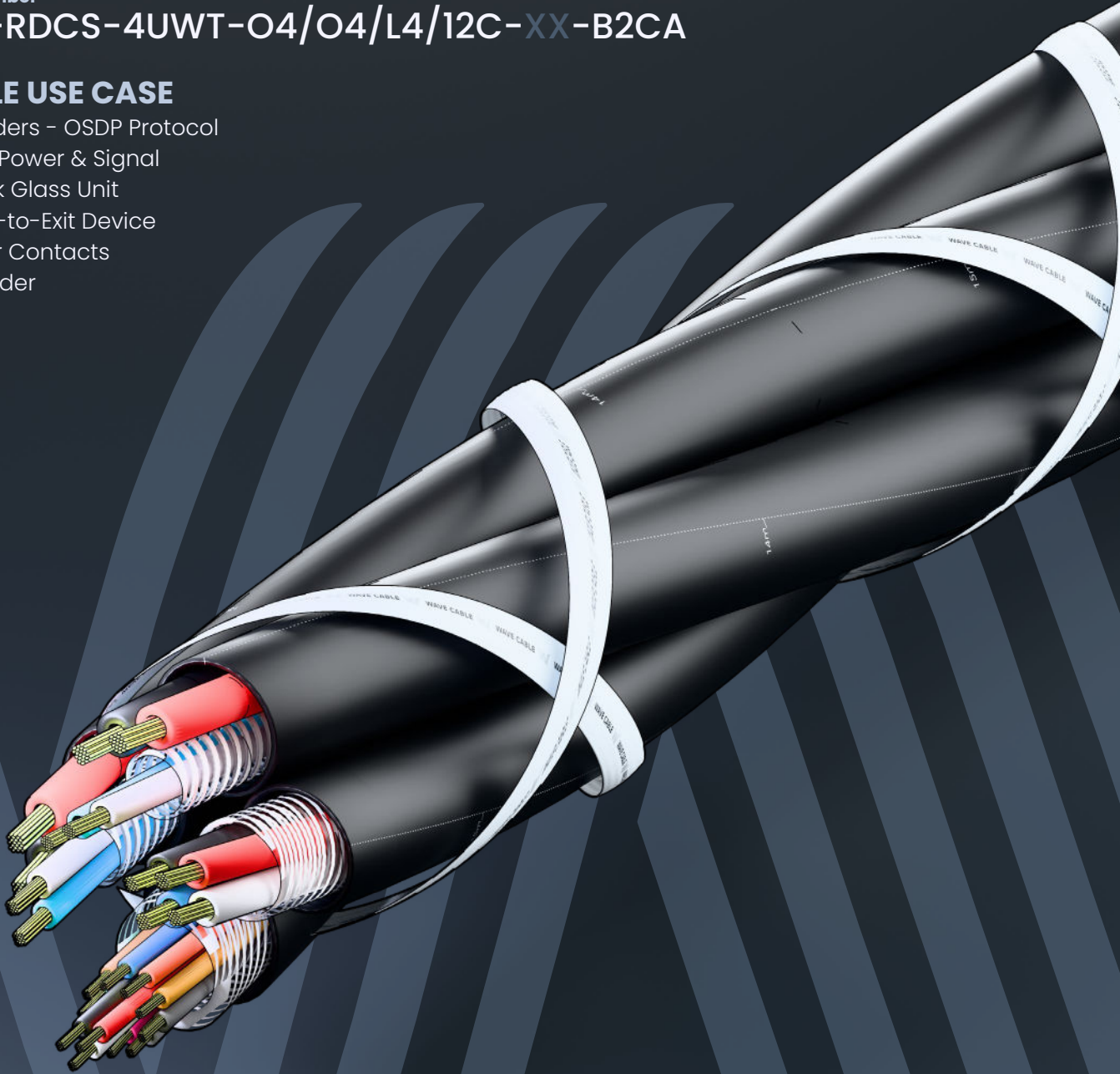
Date
22/06/26

Part Number

WC-RDCS-4UWT-O4/O4/L4/12C-XX-B2CA

CABLE USE CASE

2x Readers – OSDP Protocol
1x Lock Power & Signal
1x Break Glass Unit
1x Push-to-Exit Device
2x Door Contacts
1x Sounder



Part Number

WAVE CABLES 

WC-RDCS-4UWT-O4/O4/L4/12C-XX-B2CA

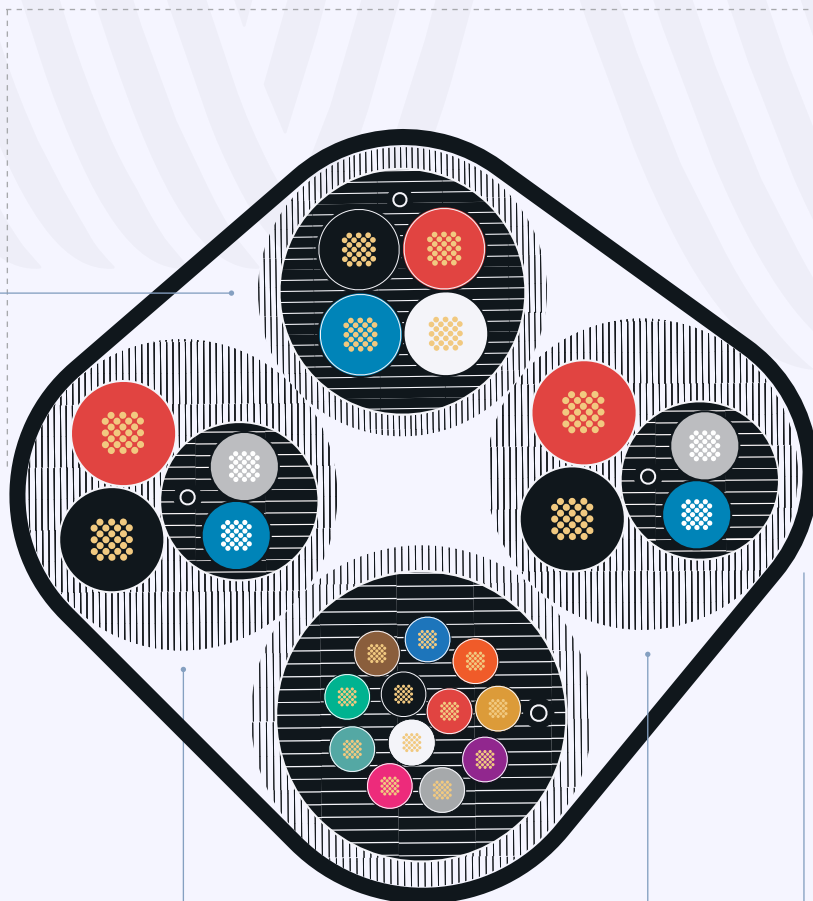
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READ IN READ OUT RDCS

Read-In Read-Out RDCS shall comprise two OSDP reader cables, one Lock Power & Signal cable and one 12 Core Device cable assembled as a single installation assembly. Install as a single assembly, separating individual cables only where required for termination.

17.00mm



BUNDLE USE CASE

2x Readers – OSDP Protocol
1x Lock Power & Signal
1x Break Glass Unit
1x Push-to-Exit Device
2x Door Contacts
1x Sounder

CABLE CONSTRUCTION

OSDP Readers

2x 22AWG Twisted Shielded Pair (Data)
2x 18AWG Pair (Power)

Lock L4

2x 18 AWG, 2x 22 AWG Overall Shield

Device 12 Core

12x 22 AWG Overall Shield

NOMINAL DIMENSIONS

OSDP Readers	7.75mm
Lock L4	5.20mm
Device 12 Core	8.50mm
Max Bundle Width	17.00mm

OUTER SHEATH COLOUR

Black

Also available in other colours:



WAVETEX BINDING

WC-DEVC-12C-12C22S-XX-B2CA

WC-OSDP-O4-1P22S-2C18N-XX-B2CA

WC-LOCK-L4-2C18N-2C22S-XX-B2CA

Part Number

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INDIVIDUAL CABLE CONTRUCTION DETAILS

Version Number
V1.0

Date
13/08/26



Qty: 2

Part Number

WC-OSDP-O4-1P22S-2C18N-XX-B2CA

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

CABLE USE CASE

Card Reader OSDP
Biometric Reader OSDP

SHIELD

Aluminium/polyester foil shield
(Twisted Data Pair Only)

CABLE CONSTRUCTION

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

OUTER SHEATH DIAMETER

7.75



Qty: 1

Part Number

WC-LOCK-L4-2C18N-2C22S-XX-B2CA

18 AWG 2 CORE + 22 AWG 2 CORE SCREENED LOW SMOKE ZERO HALOGEN CABLE

CABLE USE CASE

Lock Power & Signal/Lock Status
Monitoring

OVERALL SHIELD

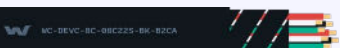
Aluminium/polyester foil shield

CABLE CONSTRUCTION

2x 18 AWG, 2x 22 AWG Shielded

OUTER SHEATH DIAMETER

5.20



Qty: 1

Part Number

WC-DEVC-12C-12C22S-XX-B2CA

22 AWG 12 CORE SCREENED LOW SMOKE ZERO HALOGEN CABLE

CABLE USE CASE

Door Peripherals, Break Glass,
Push to Exit, Door Contacts, Lock
Monitoring etc.

OVERALL SHIELD

Aluminium/polyester foil shield

CABLE CONSTRUCTION

12x 22 AWG Shielded

OUTER SHEATH DIAMETER

8.50

