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NEW PRODUCT BULLETIN 647

OFF-THE-SHELF DATA-CON-X[®] SEALED USB CABLES



Switchcraft[®]
CONXALL[®]

HARSH ENVIRONMENT CONNECTIVITY SOLUTIONS

601 EAST WILDWOOD, VILLA PARK, IL 60181 | 630-834-7504 | SALES@CONXALL.COM | WWW.CONXALL.COM



Harsh environment connectors for critical data transmission requirements - now available off-the-shelf!

Part Number Ordering Code

USB Type A	
DCM-USBAB-R5	5 Meter USB Type A 2.0 Cable to Stripped and Tinned Leads, Bayonet Coupling
DCM-USBAT-R5	5 Meter USB Type A 2.0 Cable to Stripped and Tinned Leads, Threaded Coupling
USB Type B	
DCM-USBBB-R5	5 Meter USB Type B 2.0 Cable to Stripped and Tinned Leads, Bayonet Coupling
DCM-USBBT-R5	5 Meter USB Type B 2.0 Cable to Stripped and Tinned Leads, Threaded Coupling
Micro USB	
DCM-USBCB-R2	2 Meter Micro USB 2.0 Cable to Stripped and Tinned Leads, Bayonet Coupling

Specifications

- Micro USB
- Current Rating: **1.0 A**
- Dielectric Withstanding Voltage: **100V AC**
- Insulation Resistance: **100 megaohms Min**
- Temperature Limits: **-20°C to 75°C**
- USB Type A/B
- Current Rating: **1.5 A**
- Dielectric Withstanding Voltage: **500V AC for 1 min.**
- Insulation Resistance: **1000 megaohms Min**
- Temperature Limits: **-20°C to 50°C**
- Seal Rating (mated): **IP66** (when mated)
- Life: **300 Cycles Min** (Coupling Ring)
- Custom Cables Available, Call Factory

Materials

- Housing: **Thermoplastic, Black**
- Sealing Nut, Coupling Ring: **Thermoplastic, Black**
- Hex Nut: **Thermoplastic, Black**
- Insert: **Thermoplastic, Black**
- O-Ring **Elastomer, Red**
- USB A/B Plug: Insulator: **Thermoplastic, White**
Contacts: **Copper Alloy, Gold Plated**
Shield: **Copper Alloy, Tin Plated**
- Micro USB Plug: Insulator: **Thermoplastic, Black**
Contacts: **Copper Alloy, Gold flash**
Shell: **Copper Alloy, Nickel Plated**
- Cable: Outer Jacket: **PVC, Black**
Conductors: **Tinned Copper, 28AWG**