



FISCHER ULTIMATE™ SERIES

USB-C

- Ratchet Locking
- IP68 / IP69 / Hermetic
- High corrosion resistance
- 360° EMC shielding

SS → USB-C



fischer[®]
CONNECTORS

Part of Conexivity Group

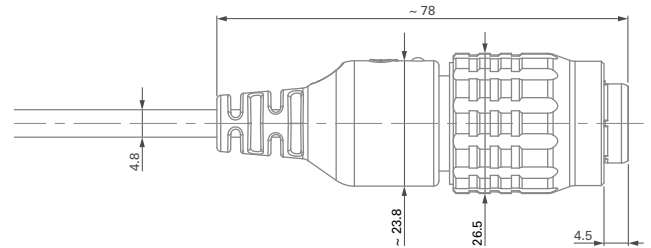
PRE-CABLED PLUG



STANDARD REFERENCE	UP02R15	L=0.8 m	UP02R15
143139 CA D 16XLV UP02R15/UP02R15 TPE BK 0.8M			

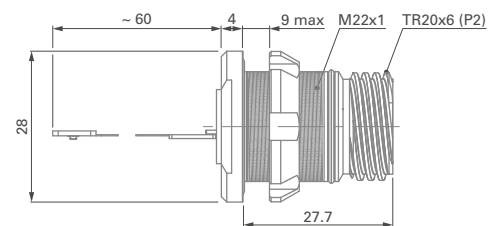


STANDARD REFERENCE	UP02R15	L=0.8 m	USB-C
143140 CA D 16XLV UP02R15/USB-C TPE BK 0.8M			



All dimensions in mm.

PRE-CABLED RECEPTACLE



All dimensions in mm.

ENVIRONMENTAL & MECHANICAL DATA (PENDING VALIDATION)

CHARACTERISTIC	PERFORMANCE	STANDARD
Sealing performance mated and unmated	IP68/IP69 2 m submersion for 24 h ¹⁾	IEC 60529
	"V" sealing level: Hermetic: Tested: <10 ⁻⁸ mbar l/s	IEC 60068-2-17 Test Qk, Method 3
Sealing performance caps	IP68, 2 m submersion for 24 hours; IP69;	IEC 60529
Operating temperature range	-30 °C to +85 °C ²⁾	IEC 60068-2-14-Nb
Corrosion resistance³⁾	Salt mist, 350 hours, 5% salt solution, 35 °C;	IEC 60068-2-11 Test Ka; MIL-STD-202 Method 101; EIA-364-26
Endurance	3,000 mating cycles	IEC 60512-9-1; EIA-364-09
Vibration, random (Size 15)	5.35 Grms	MIL-STD-202 Method 214A Condition I; Letter A
Vibration sinus	10 g 10-500 Hz, 3x3 h, no discontinuity > 1 us;	MIL-STD-202 Method 204 Condition A
Shock	100 g peak, half sine pulse of 6 ms, no discontinuity > 1 μs	MIL-STD-202 Method 213

¹⁾ IP68 mated or with sealing cap, IP67 open face

²⁾ Temperature range of -30 °C to +80 °C for cable connectors overmolded with TPU material. Max. temperature of +85 °C for soft caps.

³⁾ Plug and receptacle in mated position or with cap when unmated. For Brass connectors only.

Download the dedicated [Technical Specifications](https://www.fischerconnectors.com/download-center)
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