



FISCHER **ULTIMATE™** SERIES

USB-C

- RLS (Ratchet Locking System)
- IP68 / Hermetic
- High corrosion resistance
- 360° EMC shielding

SS  USB-C



fischer[®]
CONNECTORS

Part of Conexivity Group

BODY STYLES & TECHNICAL DIMENSIONS*

*in millimeters- images are for reference only.

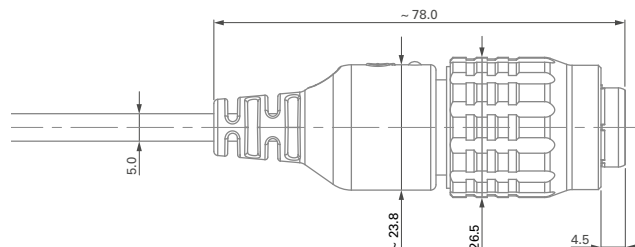
PRE-CABLED PLUG



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

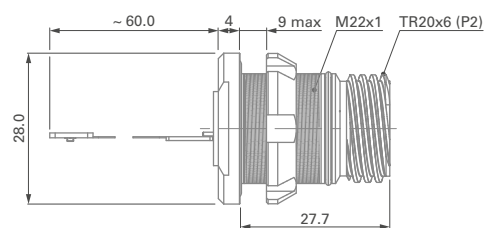


STANDARD REFERENCE	UP02R15	L=0.8 m	USB-C
143140	CA D 16XLV UP02R15/USB-C TPE BK 0.8M		



All dimensions in mm.

PRE-CABLED RECEPTACLE (143030)



All dimensions in mm.

ENVIRONMENTAL & MECHANICAL DATA

CHARACTERISTIC	PERFORMANCE	STANDARD
Sealing performance	Plug (mated or with sealing cap), receptacle (mated and unmated): IP68 2 m submersion for 24 h Plug (unmated or without sealing cap): IP50	IEC 60529
	Receptacle: Hermetic: Tested: $<10^{-8}$ mbar l/s	IEC 60068-2-17 Test Qk, Method 3
Sealing performance caps	IP68, 2 m submersion for 24 h	IEC 60529
Operating temperature range	-30 °C to +80 °C	IEC 60068-2-14-Nb
Corrosion resistance	Salt mist, 250 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 ¹⁾	IEC 60512-9-1; EIA-364-09
Vibration, random	5.35 Grms, 50-2000 Hz, 3x1.5 hrs, no discontinuity > 1 µs	MIL-STD-202 Method 214A Condition I; Letter A
Vibration, sinus	10g, 10-500 Hz, 3x3 hrs, no discontinuity > 1 µs	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⁾ Flex PCB connector from Hirose on panel receptacle limited to 10 mating cycles

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