

Product data sheet

Yamaïchi connectors

Straight cable plug with back nut for Bend Relief



+ Bend Relief (046,Black)

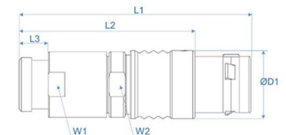
YCP-TPR15ACX-12MSEEX-046C

YCP-TPR15ACX-12MSEEX-046C

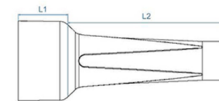
<https://www.ac-solutions.be/en/product/ycptpr15acx12mseex046c>



Dimensions [mm]
D1= 14.5 L1= ~55.8 W1= 13.0
L2= ~43.8 W2= 13.0
L3= 6.3



Dimensions [mm]
D1= 4.6
D2= >4.0
D3= 9.1



Specifications

General Characteristics

Pin count	12 Pins
Size	Size 15
Housing variant	Standard
Insulator Variant	Standard
IP Grade (to contact)	IP68
IP Grade (to housing)	IP50
Mating cycles	5000 Times
Min. operating temperature	-20 °C
Max. operating temperature	+120 °C
Short Term Max. Temp	+200 °C
Vibration [Hz]	20 [10 Hz - 2000 Hz]
Shock resistance	50 [6 ms]
Salt Spray Corrosion	>144 Hours
Shielding (10 MHz)	>75 Db

Product data sheet

Yamaichi connectors

Straight cable plug with back nut for Bend Relief



Shielding (1 GHz)	>55 Db
Contact Diameter	0.7 mm
Terminal cross section	Max AWG 22 / 0,34 mm ²
Contact Type	Male: Solder Contacts
Cable collet type	46
Cable diameter range	>4,0 to 4,6 mm
RoHS	2011/65/EU (2015/863/EU)
Bend relief part number	YCP-ABR15BT046X
Bend relief cable diameter range	>4,0 to 4,6 mm
Bend relief colour	Black
Bend relief operating temperature	-40 to 110 °C
Bend relief L1	7.2 mm
Bend relief L2	28.8 mm

Electrical Parameters

Current rating per contact	7 A
Test Voltage Contact-Contact RMS	1 kV
Test Voltage Contact-Shell RMS	1 kV
Contact Resistance	6,5 ?

Material

Connector type digit	PR
Housing Material	Brass
Housing surface	Chrome
Contact Material and Surface	CuZn38Pb2 / min 0.75µm Au
Material Cable Sealing	FKM, black
Insulator Material	PEEK (UL)
Bend relief material	TPU (Thermoplastic polyurethane)