

RPO-4521 Fiber Optic Connector simplex for PCF 200/230µm

1 General

The fiber optic connector RPO-4521 is optimized in particular for applications using 200/230µm PCF cable with 2.2mm outer diameter acc. IEC 60793-2-30. The connector is compatible to RedLink®/Broadcom Versatile Link Series.



Pic. 1 RPO-4521 connector black for PCF 200/230µm

2 Features

- plastic connector
- compatible to Broadcom Versatile Link Series
- suitable for cable assemblies with PCF optical cable acc. IEC 60793-2-4 and outer diameter of 2.2mm
- easy cable termination without pasting, curing and polishing
- termination by crimping and cleaving
- simplex / duplex functionality with retainer



Pic. 2 RPO-4521 connector blue for PCF 200/230µm

3 Applications

Due to the good optical features and the easy cable assembly, the RPO-4521 connector is useable in several applications:

- optical networking
- industrial electronics
- power electronics



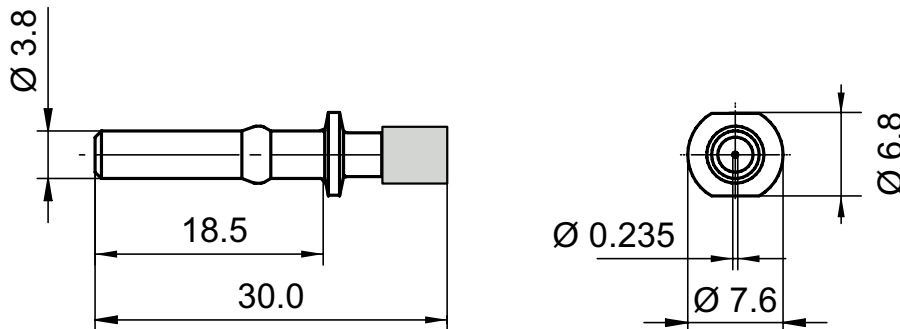
Pic. 3 Retainer for RPO-4521 connector PCF 200/230µm

5 Ordering Information

RPO-4521 connector for PCF 200/230µm

Type	Order Number
Connector Black	902SS230H4521
Connector Blue	902SS230H4521B
Retainer duplex	902SS230G4521

4 Drawing



Pic. 1 Connector series R-4521

RPO-4521 Fiber Optic Connector simplex for PCF 200/230µm

6 Technical data _____

Parameter	Condition	Min.	Typ.	Max.	Unit
Material	Ferrule, Retainer Crimp sleeve	Plastic Metal			
Protection class	IP20				
Temperature range	Storage and operation	-40	-	80	°C
Retention force cable to connector	cable crimping	-	≥ 22	-	N
Receptacle insertion force	TOTX / -RX Module, 25 °C	-	≥ 8	-	N
Receptacle retention force	TOTX / -RX Module, 25 °C	-	≥ 8	-	N
Insertion loss		-	≤ 2.0	-	dB
Mating cycles			≥ 2000		Cycles

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