

# Datasheet

## Expanded Beam Connector Pro Beam Senior (IP67)

Version: 30.10.2020

Manufacturer	TE Connectivity	
Features	Protection class IP67 (plugged in)	
	Suitable for use in harsh environment	
	Two, four or eight fiber versions available	
Ferrule	none, expanded beam	
Mating cycles	3,000	
Housing color	Black (others on request)	
Connector dimensions	External diameter	39 mm
	Length incl. bend protection	220 mm
Cable diameter	5.1 to 6.7 mm	
Strain relief	≥ 1,800 N	
Temperature range	Operating temperature	-40°C to +85°C
	Storage temperature	-55°C to +85°C
Versions	Duplex, 4-,8-fibers / multimode	
	Duplex, 4-,8-fibers / singlemode	



Bulkhead 4-fold with center mounting

## Pro Beam Senior Bulkhead (IP67)

Mounting Method	Flange mounting, Center mounting
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#### Multimode

Fiber types	G62.5 / 125 µm (OM 1) G50 / 125 µm (OM 2, OM 3, OM 4)	
Insertion loss (IL)	2-, 4-fold	< 1.5 dB (typical 0.7 dB)
	8-fold	< 2.0 dB (typical 0.7 dB)

#### Singlemode

Fiber type	E9 / 125 µm (OS 2)	
Insertion loss (IL)	2-, 4-fold	< 1.5 dB (typical 0.8 dB)
	8-fold	< 2.0 dB (typical 0.8 dB)
Return loss	≥ 34 dB	