

ODC 2 Plug - outdoor connector

Features:

- 2 fibres, singlemode or multimode
- Compact design with 2 x 1.25mm ferrules
- Screwed locking mechanism
- Easy and safe installation
- Waterproof, dust proof and corrosion resistant
- Waterproof protection caps
- EMI protected
- RoHs compliant
- Full compatibility with previous version
- Fulfills performance standard IEC 61753-1 Cat. E



Specifications

Characteristics	Conditions	Tested acc. To	Values
Technology			full ceramic ferrule and sleeve
Material housing			Nickel Plating Brass
Mechanical performance	Tensile load (N)	IEC 61300-2-4	≤800N
Mechanical performance	Static side load (N)	IEC61300-2-42	≤ 30N
Operation temperature 1)		IEC 61300-2-22	-40°C up to 85°C
Matings		IEC 61300-2-2	1000 cycles 2)
IP Protection Class			IP 68
Salt mist Test		IEC 61300-2-26 / 720h	
Vibration Test		IEC 61300-2-1	
Shock Test		IEC 61300-2-9	

1) depending on cable type 2) with repeated cleaning

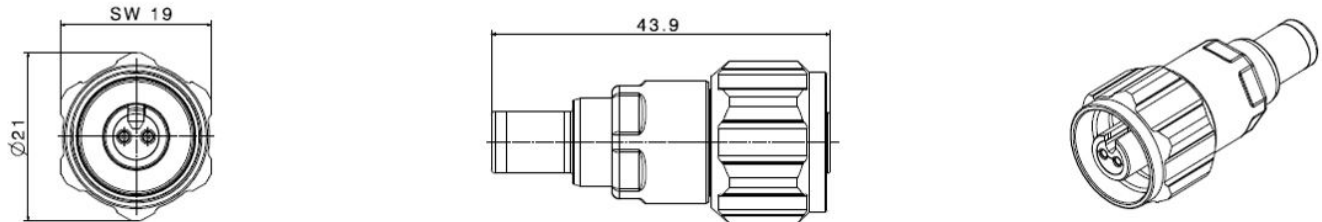
Optical performance

Characteristics	Conditions	Value 1	Value 2
Insertion loss	singlemode	typ. ≤ 0.2 dB	97% ≤ 0.45 dB
IEC 61300-3-34	multimode	typ. ≤ 0.2 dB	97% ≤ 0.5 dB
Return loss	singlemode	≥ 50 dB	



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Technical Drawing

Standard type ODP1, ODP2: ODC-2 plug



Overview of types and dust caps

Type old	Type new	Dust cap	IP
A1	ODP1	screwed cap with pulling feature 	IP 68
A4	ODP2	screwed cap with chain 	IP 68