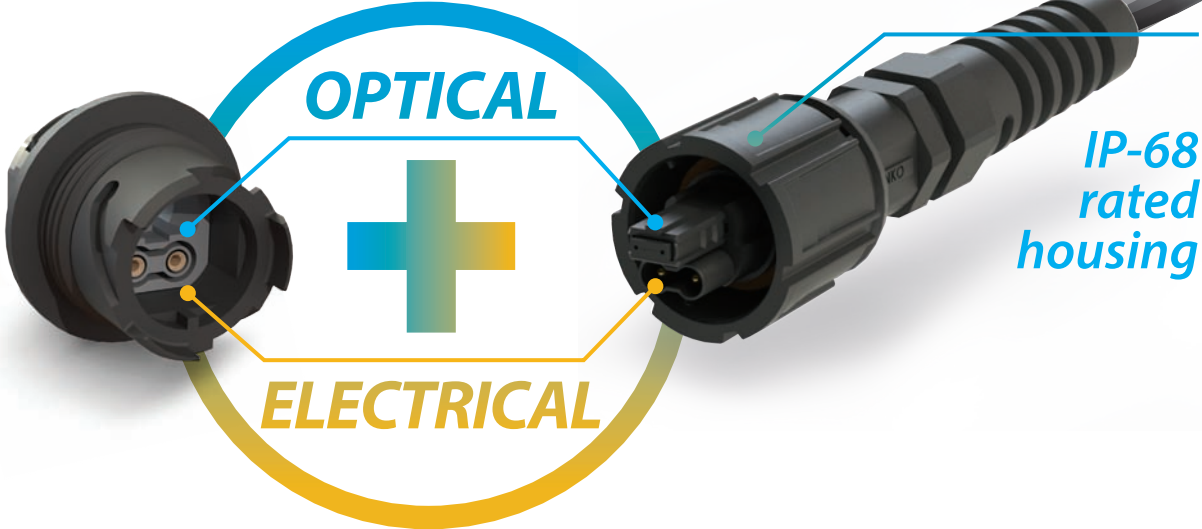
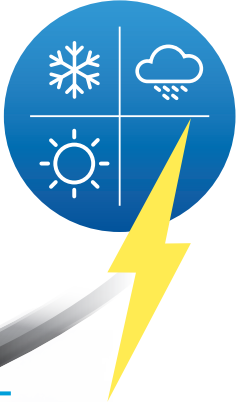


# IP-ONE®

Optical 'N' Electrical  
Power/Fiber combined

Industrial rated IP-68  
Hybrid Connector



IP-68  
rated  
housing

- Reduce installation time
- Indoor/outdoor applications

One single connector providing power and optical connectivity to your equipment.

FEATURES

- Combined power and fiber in ONE connector
- Simplify your connectivity with reduced cable and connectors
- Minimize interface footprint of your equipment
- Provide reliable protection in outside plant, Rating IP-68
- Cost effective with easy termination
- Tamper proof with SENKO Safe Lock
- Reduced and simplified connectivity
- DC Power distance - 1Km (-48V, 40W over 12 AWG cable)

TYPICAL CHARACTERISTICS	IP-ONE LC		IP-ONE MPO Low Loss		IP-ONE MPO	
	SM	MM	SM (Low loss)	MM (Low loss)	SM	MM
Insertion Loss (Max)	0.2 dB	0.2 dB	0.35 dB	0.3 dB	0.7 dB	0.5 dB
Insertion Loss (Average)	0.08 dB	0.1 dB	0.1 dB	0.08 dB	0.2 dB	0.1 dB
Return Loss	55 dB	NA	60 dB (Angle)	25 dB (Flat)	60 dB (Angle)	25 dB (Flat)
Durability	50 matings					
Operating Temperature	-40°+70°					
IP Ratings	IP-68					
Pull Force	100 lbs					
Material	UV resistant					
Power Rating						
DC	100V 9.3A 930 Watts (12AWG)					
AC	Max AC 240V 4.8A 1.15Kwatts (12AWG)					

## IP-ONE LC Connector

CODE	TYPE	POWER CONTACT	CONNECTOR BODY	SAFE LOCK RING	DUST CAPS
IP1-LC	LSM	Blue 125µm	P Pin (Male)	X 4.5-7.2mm	00 with D with
	LAPC	Green 125µm	S Socket (Female)	E 7.5-11mm	01 without None without
	LMM	Beige 127µm			

Order Code Example



## IP-ONE LC Adapter

ADAPTER CODE	TYPE	DUST CAPS
IP1-LC	AP Pin (Male)	D with
	AS Socket (Female)	None without

Order Code Example



## IP-ONE MPO Connector

CODE	TYPE	POWER CONTACT	GENDER	N. OF FIBERS	CONNECTOR BODY	SAFE LOCK RING	DUST CAPS
IP1-MPO	LML	MM Low Loss	P Pin	F Female	1 12F	X 4.5-7.2mm	00 with D with
	LMM	MM Standard	(Male)	M Male	2 24F	E 7.5-11mm	01 w/o None w/o
	LSL	SM Low Loss	S Socket				
	LSM	SM Standard	(Female)				

Order Code Example



## IP-ONE MPO Adaptor

ADAPTER CODE	TYPE	DUST CAPS
IP1-MPO	AP Pin (Male)	D with
	AS Socket (Female)	None without

Order Code Example

