

NETWORK ACCESSORIES DATA SHEET

1G/10G Media Converters



Champion ONE offers three versions of media converters for 1G and 10G applications:

- 10G SFP+ to SFP+, which can be converted to 1G SFP via DIP switches.
- XFP to XFP
- XFP to SFP+

These devices are hot-pluggable and easy to install. Their compact, durable form factor makes them ideal for a wide range of applications across industries.

Key Features Summary

- Loopback support
- Jumbo frames support
- 3R functionality (reshape, retime, regenerate)
- Transparent transport with low delay
- Support for CWDM/DWDM wavelengths
- Full state LED display

Technical Specifications

Parameter	SFP(+) to SFP(+)	XFP to XFP	XFP to SFP+
Part Number	FMC-10GSS3R-H-R2-DC	FMC-10GXX3R-H-R2-DC	FMC-10GXS3R-H-R2-DC
Operating Standards and Data Rates	<ul style="list-style-type: none"> • Megabit Ethernet (155Mbps)¹ • Fast Ethernet¹ • Gigabit Ethernet (1.025Gbps)¹ • 1G/2G Fibre Channel¹ • 1G/2G/4G Fibre Channel¹ • SONET OC-3/OC-12/OC-48¹ • 2G/3G/4G CPRI¹ 	<ul style="list-style-type: none"> • SONET OC-192, SDH STM-64 (9.95Gbps) • 8.5G Fibre Channel • 10G Fibre Channel (11.32Gbps) • 10G WAN (10Gbps) • 10G LAN (10.31Gbps) • 10G LAN with 255/237 FEC coding (11.09Gbps) • OTN OTU-2 (G.709) (11.09Gbps) 	
Power Requirements	12 - 48VDC AC power supported through use of converter (PN: FMC-10GACDC-R2)		
Max Power Consumption	4 W		
Operating/Storage Temperature	-40 to 85° C		
Humidity	5 to 90 % (non-condensing)		
Warranty	5-year limited warranty		

1. FMC-10GSS3R-H-R2-DC only, when SFP is selected via the DIP switch on.

Mounting Options



C1 Part Number	Description
FMC-DIN19RR	19 Inch DIN Rail Rack Mount Bracket, Black Finish



C1 Part Number	Description
FMC-DINRAIL	Bare DIN Rail