

- ❖ Bidirectional Data Transfer over One Fibre
- ❖ SFP Modules MSA Compatible
- ❖ 100 and 1000Mbps Modules are MM/SM Compatible
- ❖ Operating Ambient Temperature -40 to $+70^{\circ}\text{C}$
- ❖ Operating Range of Components -40°C to $+85^{\circ}\text{C}$



**BX-100-20
W4 and W5**



**BX-1000-20
W4 and W5**



**BX-10G-20
W4 and W5**

PRODUCT NAME	CODE	Compatible
BX-100-20-W4-L	4-101-020	SC / PC
BX-100-20-W5-L	4-101-010	SC / PC
BX-1000-20-W4-L	4-101-120	SC / PC
BX-1000-20-W5-L	4-101-110	SC / PC
BX-1000-60-W4-L	4-101-122	SC / PC
BX-1000-60-W5-L	4-101-112	SC / PC
BX-10G-20-W4	4-101-220	LC / PC
BX-10G-20-W5	4-101-210	LC / PC

Typical Use

All SFP/SFP+ modules of the BX-xxx series can be used in METEL switches and media converters as well as in devices of other manufacturers supporting the BX standard with bidirectional data transmission on one fiber.

Technical Parameters

	Parameter	Value	Unit	Note
Optical Parameters	Output Power BX-100-20-xxx	$-14 \dots -8$	dBm	
	BX-1000-20-xxx	$-9 \dots -3$	dBm	
	BX-1000-60-xxx	$-3 \dots +2$	dBm	
	BX-10G-20-xxx	$-2 \dots +2$	dBm	
	Sensitivity	BX-100-xxx	-32	dBm
BX-1000-xxx		-22	dBm	
BX-10G-20-xxx		< -14	dBm	
Wave Length	BX-100/1000-xxx-W4	TX:1310 / RX:1550	nm	
	BX-100/1000-xxx-W5	TX:1550 / RX:1310	nm	
	BX-10G-xxx-W4	TX:1270 / RX:1330	nm	
	BX-10G-xxx-W5	TX:1330 / RX:1270	nm	
Range over MM	BX-100-xxx	5	km	50 or 62,5/125 μm
	BX-1000-xxx	2	km	50 nebo 62,5/125 μm
Range over SM	BX-xxx-20-xxx	20	km	9/125 μm
	BX-1000-60-xxx	60	km	9/125 μm
Connector	BX-100/1000-xxx	SC/PC		
	BX-10G-xxx	LC/PC		
Environment	Ambient Operating Temperature	$-40 \dots +70$	$^{\circ}\text{C}$	
	Operating Range of Components	$-40 \dots +85$	$^{\circ}\text{C}$	
	Storage Range	$-40 \dots +70$	$^{\circ}\text{C}$	
	Humidity	Max. 95%		non-condensing
Mechanics	Weight	0.02	kg	
	Dimensions According to MSA			
The producer retains the right to change any technical parameters without previous written or published notification.				