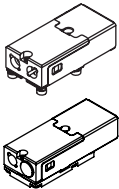
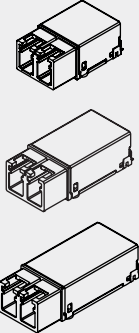
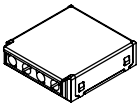
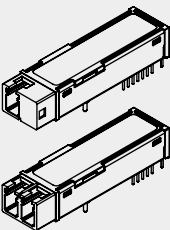


OPTO-ELECTRONIC

PRODUCT MATRIX

ESL 28G-LR4 CWDM									
ESL 28G-SR 850nm									
ESL 10G-SR-DX 850nm	RCP 28G-SR 850nm	RCP 10G-SX-TX 850nm							
ESL 10G-SR-TX 850nm	RCP 10G-LR4-DX CWDM	RCP 10G-SX-RX 850nm	RJ 10G-LR4 CWDM	RJ 28G-SR 850nm	RJ 3G-EX 1310nm	RJ 3G-SDI-LX 850nm	SFF 3G-TX2 850nm	SFB 3G-35/53 1310/1550nm	
ESL 10G-SR-RX 850nm	RCP 10G-LR4-TX CWDM	RCP 5G-SX-DX 850nm	RJ 10G-CWDM CWDM	RJ 10G-SX 850nm	RJ 3G-LX 1310nm	RJ 3G-SDI-TX2/RX2 850nm	SFF 3G-RX2 850nm	SFB G-35/53 1310/1550nm	
ESL 10G-BR10-23 1270/1330nm	RCP 10G-LR4-RX CWDM	RCP 5G-SX-TX 850nm	RJ 10G-DWDM PIN C-BAND	RJ 10G-TX2/RX2 850nm	RJ 3G-ZX 1550nm	RJ 1G-DX 1310nm	SFF 4G-SX-DPLX 850nm	SFB G-BX10 1310/1550nm	
ESL 10G-BR10-32 1270/1330nm	RCP 10G-SX-DX 850nm	RCP 5G-SX-RX 850nm	RJ 10G-DW-E APD C-BAND	RJ 5G-SX(-C) 850nm	RJ 3G-TX2/RX2 850nm	RJ 155M-FX-DPLX 1300nm	SFF 4G-LX-DPLX 1310nm	SFB M-35/53 1310/1550nm	

OPTO-ELECTRONIC PRODUCT MATRIX		Part Number	Data Rate Range	Wavelength	Transmitter Type	Channel Configuration	Min. Optical Output Pwr	Max. Optical Output Pwr	(At Max Data Rate)
ESL		ESL-10G-SR-DX	1-10 Gbps	850nm	VCSEL	RX/TX	-5dBm	-1dBm	-11.1dBm
		ESL-10G-SR-TX	1-10 Gbps	850nm	VCSEL	2TX	-5dBm	-1dBm	-
		ESL-10G-SR-RX	1-10 Gbps	850nm	N/A	2RX	-	-	-11.1dBm
		ESL-28G-SR	3-28 Gbps	850nm	VCSEL	RX/TX	-3dBm	2.4dBm	-11.1dBm
		ESL-10G-BR10	6-10 Gbps	1270/1330nm	DFB	BiDi	-8.2dBm	0.5dBm	-14.4dBm
RJ		RJ-10G-SX	6-10 Gbps	850nm	VCSEL	RX/TX	-5dBm	-1dBm	-11.1dBm
		RJ-10G-TX2	6-10 Gbps	850nm	VCSEL	2TX	-5dBm	-0.8dBm	-
		RJ-10G-RX2	6-10 Gbps	850nm	N/A	2RX	-	-	-12dBm
		RJ-10G-LR4	6-10 Gbps	CWDM	DFB	RX/TX	-5dBm	0.5dBm	-14dBm
		RJ-10G-CWDM	5-10 Gbps	CWDM	EML	RX/TX	-1dBm	3dBm	-15dBm
		RJ-10G-DW-E	6-10 Gbps	C-Band	EML	RX/TX	0dBm	2dBm	-22.8dBm
		RJ-10G-DWDM	6-10 Gbps	C-Band	EML	RX/TX	-2dBm	2dBm	-17dBm
		RJ-28G-SR	3-28 Gbps	850nm	VCSEL	RX/TX	-3dBm	2.4dBm	-11.1dBm
		RJ-155M-FX	155 Mbps	1300nm	LED	RX/TX	-20dBm	-14dBm	-33dBm
		RJ-5G-SX(-C)	125 Mbps - 5 Gbps	850nm	VCSEL	RX/TX	-5dBm	-1dBm	-14dBm
		RJ-3G-ZX	125 Mbps - 3 Gbps	1550nm	DFB	RX/TX	-1dBm	5dBm	-16dBm
		RJ-3G-LX	125 Mbps - 3 Gbps	1310nm	FP	RX/TX	-5dBm	1dBm	-20dBm
		RJ-3G-EX	125 Mbps - 3 Gbps	1310nm	DFB	RX/TX	-1dBm	3dBm	-20dBm
		RJ-3G-TX2	1-3 Gbps	850nm	VCSEL	2TX	-5dBm	-1dBm	-
		RJ-3G-RX2	1-3 Gbps	850nm	N/A	2RX	-	-	-15dBm
		RJ-3G-SDI-TX2	3 Gbps	850nm	VCSEL	2TX	-5dBm	-1dBm	-
		RJ-3G-SDI-RX2	3 Gbps	850nm	N/A	2RX	-	-	-15dBm
		RJ-3G-SDI-LX	1-3 Gbps	1310nm	FP	RX/TX	-7dBm	1dBm	-20dBm
		RJ-1G-DX	1 Gbps	1310nm	FP	RX/TX	-6.5dBm	-3dBm	-21dBm
RCP		RCP-10G-SX-DX	6-10 Gbps	850nm	VCSEL	2RX/2TX	-5dBm	-0.8dBm	-12dBm
		RCP-10G-SX-TX	6-10 Gbps	850nm	VCSEL	4TX	-5dBm	-0.8dBm	-
		RCP-10G-SX-RX	6-10 Gbps	850nm	N/A	4RX	-	-	-12dBm
		RCP-10G-LR4-DX	6-10 Gbps	CWDM	DFB	2RX/2TX	-5dBm	-1dBm	-14dBm
		RCP-10G-LR4-TX	6-10 Gbps	CWDM	DFB	4TX	-5dBm	-1dBm	-
		RCP-10G-LR4-RX	6-10 Gbps	CWDM	N/A	4RX	-	-	-14dBm
		RCP-5G-SX-DX	1-5 Gbps	850nm	VCSEL	2RX/2TX	-5dBm	-1dBm	-14dBm
		RCP-5G-SX-TX	1-5 Gbps	850nm	VCSEL	4TX	-5dBm	-1dBm	-
		RCP-5G-SX-RX	1-5 Gbps	850nm	N/A	4RX	-	-	-14dBm
SFB SFF		SFB-G-BX10	1.25 Gbps	1310/1550nm	DFB	BiDi	-8.5dBm	-3dBm	-22dBm
		SFB-3G-xx	3 Gbps	1310/1550nm	FP	BiDi	-9dBm	-1dBm	-20dBm
		SFB-G-xx	1.25 Gbps	1310/1550nm	FP	BiDi	-8.5dBm	-3dBm	-22dBm
		SFB-M-xx	155 Mbps	1310/1550nm	FP	BiDi	-14dBm	-8dBm	-33dBm
		SFF-4G-SX	1-4 Gbps	850nm	VCSEL	RX/TX	-5dBm	-1dBm	-15dBm
		SFF-4G-LX	1-4 Gbps	1310nm	FP	RX/TX	-5dBm	1dBm	-20dBm
		SFF-3G-TX2	1-3 Gbps	850nm	VCSEL	2TX	-5dBm	-1dBm	-
		SFF-3G-RX2	1-3 Gbps	850nm	N/A	2RX	-	-	-15dBm

Additional configurations available upon request.

Link Budget Min.	Fiber Type	Operating Temps	Metric Screw	Imperial Screw	EMI Clip	ATEX Certification	Diagnostics	100 Base-X	1000 Base-X	10G Base-R	25G Base-R	ARINC 664 (100Mbps)	ARINC 818 (3 Gbps)	1x Fiber Channel	2x Fiber Channel	Infiniband (2.5 Gbps)	4x Fiber Channel	8x Fiber Channel	32x Fiber Channel	SONET OC-3/SDH STM-1	SONET OC-12/SDH STM- 4	SONET OC-48/SDH STM-16	SONET OC-192/SDH STM-64	HOTLINK (400MBPS)	XAU1 (4X 3.125 Gbps)	sFPDP (3.125 Gbps)
6.1dB	MM	★	●	●			●		●	●			●	●	●	●	●	●				●	●		●	●
-	MM	★	●	●			●		●	●			●	●	●	●	●	●							●	●
-	MM	★	●	●			●		●	●			●	●	●	●	●	●							●	●
8.1dB	MM	★	●	●			●			●	●		●				●	●	●					●	●	●
6.2dB	SM		●	●			●		●	●								●					●			
6.1dB	MM	★	●	●	●		●			●								●					●			
-	MM	★	●	●	●		●			●								●								
-	MM	★	●	●	●		●			●								●								
9dB	SM		●	●	●		●			●								●					●			
14dB	SM		●	●	●		●			●								●					●			
22.8dB	SM		●	●	●		●			●								●					●			
15dB	SM		●	●	●		●			●								●					●			
8.1dB	MM		●	●	●		●			●	●		●				●	●	●				●		●	●
13dB	MM		●	●	●	●		●				●								●						
9dB	MM	★	●	●	●	●	●	●	●				●	●	●	●	●			●	●	●		●	●	●
15dB	SM		●	●	●		●	●	●				●	●	●	●				●	●	●		●	●	●
15dB	SM		●	●	●		●	●	●				●	●	●	●				●	●	●		●	●	●
19dB	SM		●	●	●		●	●	●				●	●	●	●				●	●	●		●	●	●
-	MM		●	●	●				●				●	●	●	●								●		
-	MM		●	●	●				●				●	●	●	●								●		
-	MM		●	●	●				●				●												●	
-	MM		●	●	●				●				●												●	
13dB	SM	★	●	●	●		●		●				●	●	●	●								●	●	●
14dB	SM		●	●	●	●	●	●						●												
7dB	MM	▲	●	●			●			●							●						●			
-	MM	▲	●	●			●			●							●									
-	MM	▲	●	●			●			●							●									
9dB	SM		●	●			●			●							●						●			
-	SM		●	●			●			●							●									
-	SM		●	●			●			●							●									
9dB	MM	▲	●	●			●		●				●	●	●	●						●		●	●	●
-	MM	▲	●	●			●		●				●	●	●	●								●		
-	MM	▲	●	●			●		●				●	●	●	●								●		
-	MM		●		●				●				●	●	●	●								●		
13.5dB	SM						●		●					●												
11dB	SM		●				●						●											●	●	●
22dB	SM						●		●					●												
19dB	SM							●												●						
10dB	MM		●		●		●		●				●	●	●	●						●		●	●	●
15dB	SM		●				●		●				●	●	●	●						●		●	●	●
-	MM		●		●				●				●	●	●	●								●		
-	MM		●		●				●				●	●	●	●								●		

Legend: ■ -40°C to 85°C ★ -55°C to 95°C ▲ -40°C to 100°C ● -40°C to 95°C ● Available

MOOG

USA/ASIA PACIFIC

749 Miner Rd., Highland Heights, OH 44143 USA
(440) 446-8800
www.cotsworks.moog.com

GERMANY

Am Alten Schlachthof 4, 36037 Fulda, Germany
+49 (0) 661 9786 9200
www.cotsworks.moog.com

