

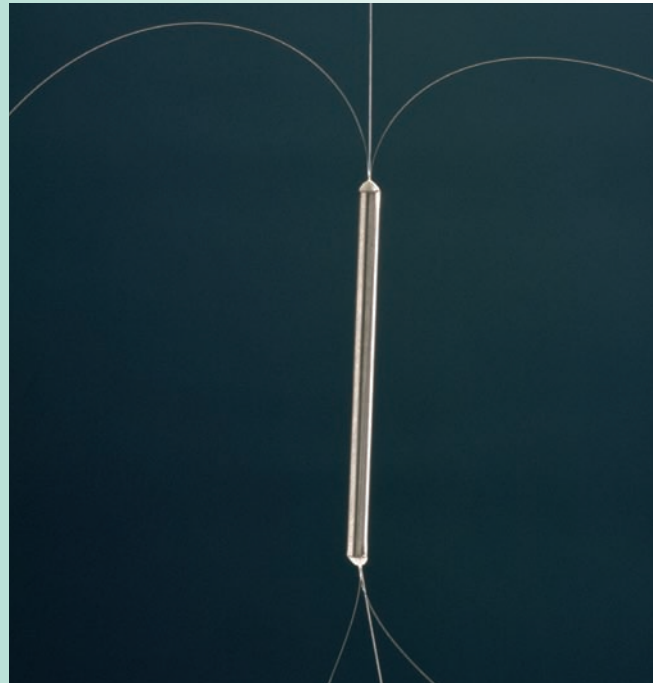
C-US UNITARY 1X3 COUPLERS

Features:

- Low insertion loss
- High uniformity
- Customized packaging available
- Environmentally stable

Applications:

- Telecommunications
- Local area network
- FTTH deployments
- Video transmission
- Fiber optic sensing
- Testing instruments



Performance Specifications:

ITEM		Unitary 1 x 3 Couplers (33:33:33)	
Operating Wavelength, nm		1310 ± 10 or 1550 ± 10	
Port Configuration		1 x 3	
Grade		High (H)	Average (A)
Maximal Insertion Loss, dB		5.6	6.3
Maximal Uniformity, dB (33:33:33)		0.9	1.3
Thermal Stability, dB (peak-peak)		≤0.4	
Polarization Stability, dB		≤0.2	
Directivity, dB		≥50	
Reflectance, dB		≥50	
Operating Temperature, °C		-40 ~ +85 (*)	
Storage Temperature, °C		-55 ~ +85	
Package Options (for different pigtailing)	1. coated fiber (250μm)	T3, A2, MA, MB, M3	
	2. loose tube (900μm)	TC, A2, MA, MB, M3	
	3. PVC cable (3.0mm)	A2, MA, MB, M3	

Note: 1. The packaging option codes are explained in Appendix.

2. * 0°C ~ +70°C for 900μm, 2.0mm, or 3.0mm cable.

3. I.L.: Without Connector Loss.

4. Coupling Ratio: 33:33:33 (standard) or customer specify.

UNITARY 1 x 3 COUPLERS

Ordering Information:

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Fiber Type			
A	Corning SMF-28e+	J	G.657. A1 fiber
X	Others, please specify		
Package Option			
C	T3 with coated fiber		
D	A2/MA/MB/M3 with coated fiber		
L	TC with loose tube cable		
M	A2/MA/MB/M3 with loose tube cable		
O	A2 with PVC 2.0mm cable		
Q	A2 with PVC 3.0mm cable		
R	MA/MB/M3 with PVC 3.0mm cable		
S	MA/MB/M3 with adaptors		
X	Others, please specify		
Coupling Ratio			
05 ~ 45 Please specify the different port			
Grade			
H	High		
A	Average		
Input Port Number			
01	1 port		
Pigtail Length (for each port)			
10	1 meter	05	0.5 meter
20	2 meter	15	1.5 meter
00	Modulized	XX	Others, please specify
Wavelength			
13	1310nm		
15	1550nm		
Connector Type (Input / Output)			
FC	FC type	AP	FC/APC type
SC	SC type	AS	SC/APC type
ST	ST type	LC	LC type
MU	MU type	NC	None
XX	Others, please specify		