

Optical Network Simulator



Description:

- > Fiber Network Simulators allow you to perform testing on hundreds of kilometers of fibers without the need to splice many reels together and without the messy routing of numerous fibers and jumper cables

Features:

- > Any fiber and length needed.
- > One or more connections
- > RoHS Compliant
- > Compliant with Safety of Flammability of Plastic Materials for Parts in Devices UL94 V-0

Benefits:

- > Optic fibers in variety of types and lengths, packed in a ruggedized box.
- > A convenient package for simulating fiber optic network.

Applications:

- > Reference for OTDR testing.
- > Sensitivity testing of fiber optic sensors and receivers.
- > Long distance simulation for laser range testers.

Specifications and Dimensions:

- > Ruggedized Box : 30x15x30 cm for up to 25 Km.
 30x30x30 cm for up to 50 Km.
 30x40x30 cm for up to 65 Km.
 30x50x30 cm for up to 80 Km.
 30x80x30 cm for up to 200 Km.
- > 7U Height , 19"/21"/23" rack mount – up to 100 Km.
- > Enclosure: 30x26x33 cm for up to 50 Km.
 30x37x33 cm for up to 100 Km
- > Small aluminum box: 4x13x15 cm for up to 2 Km

Tolerance table:

Length	Wavelength	Tolerance
1km	Multimode 1300nm / Singlemode 1550nm	±1m
5km		±1.5m
10km		±2m
25km		±3m
50km		±5m

Ordering Information:

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Package		Type	Quantity	Fiber Length		Polishing Type		Connector Type		Fiber Type		Polarity	
0	Rack Mount	1 Simplex	1 One Cable	XXXK	XXX Km	U	UPC	2	FC	5	50/125	None	Direct
1	Ruggedized Box 30x30x15 cm	2 Duplex	2 Two Cables	XXXM	XXX m	A	APC	4	SC	6	62.5/125	C	Cross
2	Ruggedized Box 30x30x30 cm		3 Three Cables					9	LC	7	G.657A2[B1]		
3	Ruggedized Box 30x40x30 cm		4 Four Cables					P	MTP12 FEMALE	9	SM		
4	Ruggedized Box 30x50x30 cm		5 Five Cables					M	MTP12 MALE	O	OM3[B1]		
5	Ruggedized Box 30x80x30 cm		6 Six Cables					E	MTP8 FEMALE	G	OM4[B1]		
6	Small aluminum Box 4x13x15 cm							F	MTP8 MALE				
7	Enclosure 30x26x33 cm												
8	Enclosure 30x37x33 cm												

Example: FONS-022020KU49

[Package=Rack Mount, Type=Duplex, Quantity=Two Cables, Fiber Length=020Km,
 Polishing Type=UPC, Connector Type=SC, Fiber Type=SM]