

# EXPANDED BEAM PERFORMANCE



## OPTICAL CHARACTERISTICS

		Typical	Max.
Insertion loss	SM	< 0.35 dB	< 0.7 dB
	MM	< 0.15 dB	< 0.3 dB
		Typical	Min.
Return loss	SM	> 60 dB	≥ 55 dB
	MM	> 45 dB	≥ 35 dB

## MECHANICAL CHARACTERISTICS / ENVIRONMENTAL DATA

Mating cycles	5,000*
IP class in mated condition	IP6K8
Operating temperature	-40 °C to +85 °C
Vibration	MIL 810G 20 g

\*Contact transition allows up to 25,000 mating cycles with cleaning every 5,000 mating cycles under controlled conditions. Specifics of the connector series may deviate.

## CABLE SPECIFICATION

	Singlemode	Multimode
Fiber	G.657A2	OM4
Jacket	LSZH black	
Cable diameter	6.0 ± 0.2 (mm)	
Crush resistance	300 N (operation)	
Min. bending radius (static)	60 mm	
Min. bending radius (dynamic)	120 mm	

## HIGH PERFORMANCE EXPANDED BEAM SOLUTION

The ODU AMC® Series T Expanded Beam Performance is an advanced fiber optic solution. It offers high-end transmission characteristics over many mating cycles. The excellent optical performance remains unchanged even under mechanical stress, environmental influences and harsh ambient conditions.

- + Fiber types: Singlemode and Multimode
- + Configurations: Up to 12 fibers
- + Outstanding optical performance



[CLEANING INSTRUCTION](#)

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