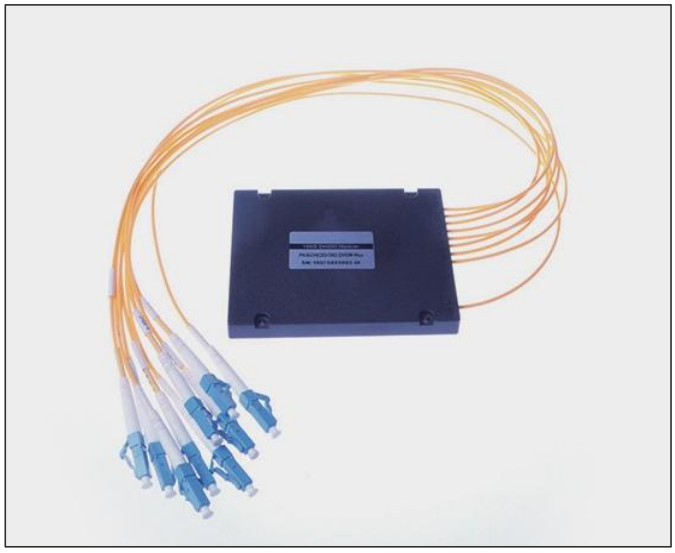
ABALONE TECHNOLOGY GROUP
FIBER OPTIC CABLES - COMPONENTS & ACCESSORIES

DWDM Module ABS Type 100GHz Module

DESCRIPTION

Dense Wavelength Division Multiplexing (DWDM) is a thin film filter Technology that puts DATA different sources together on an Optical fiber, with each signal carried at the same time on its own separate light wavelength.



FEATURES

- 100GHz/200GHz ITU Channel Spacing
- Low Insertion Loss & High Channel Isolation
- Wide Pass Band
- ROHS & REACH
- High Stability and Reliability
- Epoxy Free Optical Path

APPLICATIONS

→ Channel Add/Drop Multiplexing → DWDM Network, Metro Networks
→ Wavelength Routing→ Telecommunication network → CATV Fiber Optical System

SPECIFICATIONS

Input x Output Port Number	Unit	Min	Typical	Max
Working Wavelength Range	nm	1500~1570		
Channel Wavelength	nm	ITU Standard		
Pass Channel Insertion Loss	dB	-	-	0.8
Reflection Channel Loss	dB	-	-	0.4
Ripple	dB		-	0.3
Adjacent Pass Channel Isolation	dB	30	-	-
Non-adjacent Pass Channel Isolation	dB	45	-	-
Isolation of Pass Channel @ Reflection Port	dB	15		-
Directivity	dB	45	-	-
Return Loss	dB	45	-	-
Polarization Dependent Loss	dB	-	-	0.1
Polarization Mode Dispersion	ps	-	-	0.1
Maximum Optical Power	mW	300		
Operating Temperature Range	℃	-5~+70		

Non contractual pictures