

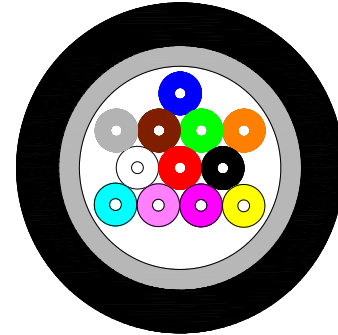
12 STRAND OM3 LSZH Dca - SCP-EASYFIBER™ W/CORNING® CLEARCURVE® - TIGHT BUFFERED DISTRIBUTION, 10G MULTIMODE OM3 50/125, INDOOR/OUTDOOR LSZH EN50575 Dca-s1,d1,a1, BLACK JACKET, 1000FT/305M REEL IN BOX

SCP PART#:
EF-12DIST-OM3LSZH-BK

Features at a Glance

- Multimode OM3
- 12 Strand
- Black color
- LSZH-rated for indoor and outdoor applications
- Tight buffered construction
- 5.8mm outer diameter
- Corning® ClearCurve® fiber

SCP-EasyFiber™



Specifications			
Fiber Count	12 strands		
Outer Jacket	LSZH, Black color		
Strength Member	Glass Yarn		
Internal Jacket	0.9mm Tight buffer		
Outer Jacket Size	5.8mm		
Physical Characteristics			
Fiber Type	Multimode OM3		
Fiber Core Size	50µm		
Fiber Make	Corning 50/125 ClearCurve®		
Wavelength	850 / 1300nm		
Maximum Attenuation	3.5dB @ 1.5km		
Bandwidth (High Performance EMB)	2000MHz @ 850nm		
Network Link Length (10Gb/s)	300m		
Minimum Bend Radius	7.2mm		
Environmental			
Storage Temperature	-40°C to +70°C		
Operating Temperature	-0°C to +70°C		
Ratings	EN 13501-6, ROHS		
Packaging			
Weight	Dimensions	Package	Packages per Pallet
12.5 kg	39 x 39 x 40cm	1000ft/305m Reel in Box	45

Optical Characteristics:
 Corning Clear Curve® OM3 Multimode fiber

Characteristics	Conditions	Specified Values	Units
Geometrical characteristics			
Core diameter		50±2.5	um
Core non-circularity		≤5	%
Cladding diameter		125.0±1.0	um
Cladding non-circularity		≤1.5	%
Coating diameter		242±5	um
Coating/cladding concentricity error		<12	um
Core/cladding concentricity error		≤1.0	um
Optical characteristics			
Attenuation	850nm	2.3	dB/km
	1300nm	0.6	dB/km
Overfilled modal bandwidth	850nm	1500	MHz*km
	1300nm	500	MHz*km
Effective modal bandwidth@850nm		2000	MHz*km
Application support distance on			
10 gigabit ethernet S 850nm		300	m
1 gigabit ethernet SX 850nm		1000	m
40 &100 gigabit ethernet S 850nm		140	m
Numerical Aperture		0.2±0.015	
Group index of refraction	850nm	1.482	
	1300nm	1.477	
Zero dispersion wavelength		1295~1315	
Zero dispersion slope	1295nm≤λ0≤1315nm	≤0.101	ps/(nm2*km)
Macro bending induced loss	850nm	≤0.05	dB
100 Turns @37.5mm Radius	1300nm	≤0.15	dB
2 turns @15mm Radius	850nm	≤0.1	dB
	1300nm	≤0.3	dB
2 turns @7.5mm Radius	850nm	≤0.2	dB
	1300nm	≤0.5	dB
Environmental characteristics	850nm&1300nm		
Temperature cycling	-60°C to +85°C	≤0.10	dB/km
Temperature-humidity cycling	-10°C to +85°C	≤0.10	dB/km
Water immersion	23°C, 30 days	≤0.20	dB/km

Cable Jacket Marking :

STRUCTURED CABLE PRODUCTS INC --- P/N: EF-121DIST-OM3LSZH --- SCP-EASYFIBER™ 10G 12
 STRAND TIGHT BUFFERED DISTRIBUTION OM3 50/125, CORNING® CLEARCURVE® A1a.2, ITU G651.1,
 BEND INSENSITIVE, INDOOR/OUTDOOR RATED, ISO/IEC 11801, ANSI/TIA 568-2.D, TIA/EIA 492AAAC-B, UV
 LSZH JKT EN50575 Dca-s1,d1,a1 RoHS ***M