

**Cable Jacket Marking:**

STRUCTURED CABLE PRODUCTS --- EF-OM3P-2DIST-BK  
 --- SCP-EASYFIBER™ UL Exxxxxx OM3 50/125 DISTRIBUTION  
 2 STRAND OFNP CORNING® CLEARCURVE® \*\*\*\*\*FT MMY

**Optical Characteristics: Corning Clear Curve®OM3 Multimode**

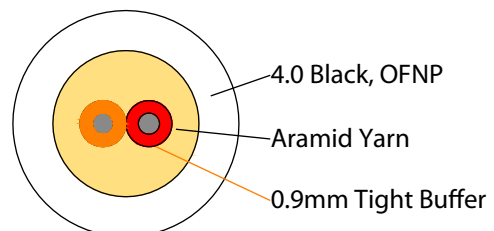
Characteristics	Conditions	Specified Values	Units
<b>Optical characteristics</b>			
Attenuation	850nm	2.3	dB/km
	1300nm	0.6	dB/km
Overfilled modal bandwidth	850nm	1500	Mhz*km
	1300nm	500	Mhz*km
Effective modal bandwidth@850nm		2000	Mhz*km
<b>Application support distance on</b>			
10 gigabit ethernet 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≤1315	≤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		850&1300nm	
Temperature cycling	-60 to +85	≤0.10	dB/km
Temperature-humidity cycling	-10 to +85	≤0.10	dB/km
Water immersion	-60 to +85	≤0.20	dB/km

PART NO.	PACKING
11F3-B302NH	1000ft/305m Reel in Box
11F3-B302NF	500ft/152m Reel in Box

**Cable Technical Parameters(Meet IEC 60794-2):**

Fiber	Count	2
	Type	Corning Clear Curve®OM3
Cable	OD(mm)	4.0±0.5
	Wall Thickness	0.7±0.1
	Material	UL PVC-OFNP
	Color	Black- Pantone RAL9004
Buffer	OD	900±50 um
	Material	PVC-OFNR
	Color	Red/Orange
Nominal Weight(kg/km)		18
Max.tensile Strength(N)	Short-term	400
	Long-term	130
Min.Bending Radius(mm)	Dynamic	20D
	Static	10D
Max.Crush Resistance(N/100mm)	Short-term	300N/100mm
	Long-term	1000N/100mm
Cable attenuation	1310nm(SMF)	≤3.5dB/km
	1550nm(SMF)	≤1.5dB/km
Strength Members		Aramid yarn
Environmental Protection		ROHS Compliant
Temperature Range	Storage or transportation	-20~ 70 °C
	Operation	-20~ 60 °C
	Installation	-20~ 60 °C

Rev.	Description	Date
A		12-2021

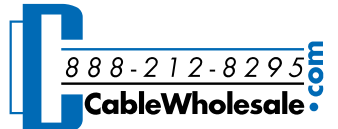


**Description:**  
 2 Strand OM3 Plenum Bend Insensitive SCP-EasyFiber™, w/Corning®ClearCurve® - 2 Strand Tight Buffered Distribution, 10G Multimode OM3 50/125, UL Plenum OFNP, Indoor/Outdoor UV Sun Res Black Jacke

**Regulatory:**  
 UL Riser OFNP  
 EU RoHS 2011/65 EU Compliant

Characteristics	Specified Values	Units
<b>Geometrical characteristics</b>		
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



Item Number:	11F3-B302Nx	
Title:	2 Fiber Indoor/Outdoor Fiber Optic Cable, w/Corning, Multimode, 50/125 ,OM3, 10G, Plenum OFNP, Black	
Drawn by:	JL	
Approved by:	MAC	
ID:	123	

No.	Specifications
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