

Specifications

General Specifications	
Environment	Outdoor
Application	Self-Supporting
Cable Type	

SOLO® ADSS Loose Tube, Gel-Filled, Dual-Jacket Cable

24 F, 62.5 µm multimode (OM1)

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Mechanical Characteristics Cable

Min. Bend Radius Operation	135 mm (5.3 in)
Span Code	2

Installation Conditions

Span m (ft)	Initial Installation		NESC Light		NESC Medium		NESC Heavy	
	SAG %	Tension N (lbf)	SAG %	Tension N (lbf)	SAG %	Tension N (lbf)	SAG %	Tension N (lbf)
30 (100)	1	511 (115)	1.1	1098 (247)	2.2	1404 (316)	2.8	2151 (484)
61 (200)	1	1022 (230)	1.3	1960 (441)	2.5	2458 (553)	3.3	3649 (821)
91 (300)	1	1538 (346)	1.4	2742 (617)	2.7	3391 (763)	3.7	4951 (1114)
122 (400)	1	2049 (461)	1.4	3478 (783)	2.9	4253 (957)	3.9	6152 (1384)
152 (500)	1	2560 (576)	1.5	4178 (940)	3.1	5076 (1142)	-	
183 (600)	1	3071 (691)	1.6	4853 (1092)	3.2	5862 (1319)	-	
213 (700)	1	3582 (806)	1.6	5516 (1241)	3.3	6622 (1490)	-	
244 (800)	1	4093 (921)	1.6	6160 (1386)	-		-	
274 (900)	1	4611 (1037)	1.7	6796 (1529)	-		-	

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Fiber Specifications

Optical Characteristics (cabled)

Fiber Core Diameter	62.5 µm
Fiber Category	OM1
Fiber Code	K
Performance Option Code	30
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	3.4 dB/km / 1.0 dB/km
Serial 1 Gigabit Ethernet	300 m / 550 m
Serial 10 Gigabit Ethernet	33 m / -
Min. Overfilled Launch (OFL) Bandwidth	200 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	220 MHz*km / -

Notes: 1) Improved attenuation and bandwidth options available.
2) Bend-insensitive single-mode fibers available on request.
3) Contact a Corning Customer Care Representative for additional information.

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Ordering Information

Part Number	024KAE-T4230A20
Product Description	SOLO® ADSS Loose Tube, Gel-Filled, Dual-Jacket Cable, Span Code 2, 24 F, 62.5 µm multimode (OM1)
EAN Code	4056418198361



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