CORNING

Corning Outside Plant Loose Tube and Ribbon Cables

Fiber Count	ALTOS® Loose Tube		SST-Ribbon™/ SST-UltraRibbon™	ALTOS Loose Tube		SST-Ribbon/ SST-UltraRibbon
						
	Dielectric - Std	Dielectric - Fast Access	Dielectric	Armored - Std	Armored Fast Access	Armored
12	012ZU4-T4F22D20	012ZU4-T4F22D20	012ZC4-14100D53	012ZUC-T4122D20	012ZUC-T4F22D20	012ZC5-14100D53
24	024ZU4-T4122D20	024ZU4-T4F22D20	024ZC4-14100D53	024ZUC-T4122D20	024ZUC-T4F22D20	024ZC5-14100D53
36	036ZU4-T4122D20	036ZU4-T4F22D20	036ZC4-14100D53	036ZUC-T4122D20	036ZUC-T4F22D20	036ZC5-14100D53
48	048ZU4-T4122D20	048ZU4-T4F22D20	048ZC4-14100D53	048ZUC-T4122D20	048ZUC-T4F22D20	048ZC5-14100D53
72	072ZU4-T4122D20	072ZU4-T4F22D20	07Z2C4-14100D53	072ZUC-T4122D20	072ZUC-T4F22D20	072ZC5-14100D53
96	096ZU4-T4122D20	096ZU4-T4722D20	096ZC4-14100D53	096ZUC-T4122D20	096ZUC-T4122D20	096ZC5-14100D53
144	144ZU4-T4122D20	144ZU4-T4722D20	144ZC4-14100D53	144ZUC-T4122D20	144ZUC-T4122D20	144ZC5-14100D53
216	216ZU4-T4122D20	216ZU4-T4722D20	216ZC4-14100D53	216ZUC-T4122D20	216ZUC-T4122D20	216ZC5-14100D53
288	288ZU4-T4122D20	288ZU4-T4722D20	288ZV4-14100D53	288ZUC-T4122D20	288ZUC-T4122D20	288ZV5-14100D53
432	432ZU4-T4122D20	432ZU4-T4122D20	432ZV4-14100D53	432ZUC-T4122D20	432ZUC-T4122D20	432ZV5-14100D53
576			576ZV4-14100D53			576ZV5-14100D53
864			864ZV4-14100D53			864ZV5-14100D53

Denotes SST-UltraRibbon (288-864 F) Denotes Standard ALTOS

Details	SST-Ribbon™	SST-UltraRibbon™	ALTOS® Loose Tube
			
Fiber Counts Available	Up to 216 F	288-864 F	Up to 432 F
Minimum Bend Radius (Loaded/Installed)	10x/15x OD	15x/15x OD	10x/15x OD
Maximum Tensile Load (Long Term/Short Term)	200/600 lb		200/600 lb
Operating Temperature	-40°C to 70°C		-50°C to 70°C
NEC® Article 770 Compliant	Yes		Yes
ANSI/CEA S-87-640 Compliant	Yes		Yes
GR-20 Compliant	Yes		Yes
Fiber Size	250 µm		250 µm
Splicer Compatibility	Mass fusion or single-fiber splicers		Single-fiber splicers
FastAccess® Technology	No		Yes, up to 288 F in dielectric; up to 72 F in armored; binderless* FastAccess technology up to 72 F
Duct Requirements	1.25-in duct		Dielectric and Lite armored cable: 1.25-in duct, up to 432 fibers
Armor Available	Yes		Yes
Fiber Count	12-216	288-864	12-432
Value	▪ Facilitates fast installation and restoration with 12 fibers spliced simultaneously via mass fusion splicing ▪ Allows for highest fiber count of any cable ▪ Enables greater fiber density per cable and per duct ▪ Installs up to 80% faster and up to 60% less expensive than traditional cabling ▪ Cable restoration up to 6x faster than traditional cabling, reducing the cost of unplanned downtime events by 80%		▪ Features an easy, peel-away cable jacket ▪ Lowers overall risk of harm to the installer and the fibers
Quick Facts	Ribbon stack comprised of 12-fiber ribbons helically rotated to create excess fiber length	Ribbon stack comprised of a combination of 12-, 24-, and 36-fiber ribbons helically stranded in a central tube	Most widely deployed cable design globally

*Corning's proprietary binderless FastAccess® technology refers to the combination of a Corning FastAccess technology jacket with an innovative technology used to bind cable construction through the manufacturing process, eliminating the use of binder yarns and waterblocking tapes.

Looking for more information? Visit the links below.

SST-Ribbon Product Portfolio

ALTOS Product Portfolio

SST-Ultra Ribbon Product Portfolio

Fiber Optic Cable Resource Center

For additional field-level support, please contact your local sales engineer or our Customer Care team at 1-800-743-2675.

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