

RocketRibbon Cable – Quick Reference

AEN 175, Revision # 1

The table in this AE Note provides a quick reference to commonly needed information pertaining to RocketRibbon Cables. This document will be updated with new RocketRibbon cable versions as they are released. Links to a couple of other AE Notes that provide information related to cable installation and handling are also included for convenience.

RocketRibbon Information

RocketRibbon Cable	Ribbon Stack Configuration	SRP	Nominal OD	Minimum Bend Diameter	Recommended Minimum Duct Size	Minimum Vault Size - Small Closure + 75ft of cable	Comments
288 Dielectric - Center Stack	4 x 12f Ribbons 8 x 24f Ribbons 4 x 12f Ribbons	004-292	0.58 inch	17.4 inches	1 inch	24 X 36 inches	PN: 288ZV4-14700S53
432 Dielectric - Center Stack	4 x 12f Ribbons 14 x 24f Ribbons 4 x 12f Ribbons	004-292	0.61 inch	18.2 inches	1 inch	30 X 48 inches	PN: 432ZV4-14700S53
432 Dielectric - SZ Stranded	144f Subunits (12f Ribbons)	004-294	0.65 inch	19.5 inches	1 inch	30 X 48 inches	PN: 432ZQ4-14700S53
864 Dielectric - SZ Stranded	144f Subunits (12f Ribbons)	004-294	0.89 inch	26.7 inches	1.25 inches	30X60 inches	PN: 864ZQ4-14700S53
24-48f Armor - Center Stack	12f Ribbons Stack	004-293	0.39 inch	11.7 inches	0.50 inch	24 X 36 inches	PN: 048ZV4-14700S53
144 Armor - Center Stack	12f Ribbons Stack	004-293	0.50 inch	15.0 inches	0.75 inch	24 X 36 inches	PN: 144ZC5-14700S53
288 Armor - Center Stack	4 x 12f Ribbons 8 x 24f Ribbons 4 x 12f Ribbons	004-293	0.60 inch	18.0 inches	1 inch	30 X 48 inches	PN: 288ZV5-14700S53
432 Armor - Center Stack	4 x 12f Ribbons 14 x 24f Ribbons 4 x 12f Ribbons	004-293	0.65 inch	19.4 inches	1 inch	30 X 48 inches	PN: 432ZV5-14700S53
576 Armor - SZ Stranded	144f Subunits (12f Ribbons)	004-293	0.84 inch	25.2 inches	1.25 inches	30 X 60 inches	PN: 576ZQ5-14700S53
864 Armor - SZ Stranded	144f Subunits (12f Ribbons)	004-293	0.91 inch	27.2 inches	1.25 inches	30 X 60 inches	PN: 864ZQ5-14700S53

1728 Armor - Subunits	288f Subunits 4 x 12f Ribbons 8 x 24f Ribbons 4 x 12f Ribbons	004-295	1.1 inch	33 inches	1.5 inches	42 X 72 inches	PN: H28ZQ5-14101S53 Not S-Z Stranded
1728 Dielectric - Subunits	288f Subunits 4 x 12f Ribbons 8 x 24f Ribbons 4 x 12f Ribbons	004-279	1.0 inch	30.8 inches	1.5 inches	36 X 60 inches	PN: H28ZQ4-14101S53 Not S-Z Stranded
3456 Dielectric - Subunits	288f Subunits 4 x 12f Ribbons 8 x 24f Ribbons 4 x 12f Ribbons	004-290	1.3 inch	40 inches	2.0 inches	48 X 72 inches	PN: Y56ZQ4-14101S53 Not S-Z Stranded

Cable Installation References

AE Note 165 - Cable Placing Checklist and Handling: Squirting, Tangling, and Storage

<https://www.corning.com/catalog/coc/documents/application-engineering-notes/AEN165.pdf>

AE Note 173 – Handling Preferential Bend Cables

<https://www.corning.com/catalog/coc/documents/application-engineering-notes/AEN173.pdf>