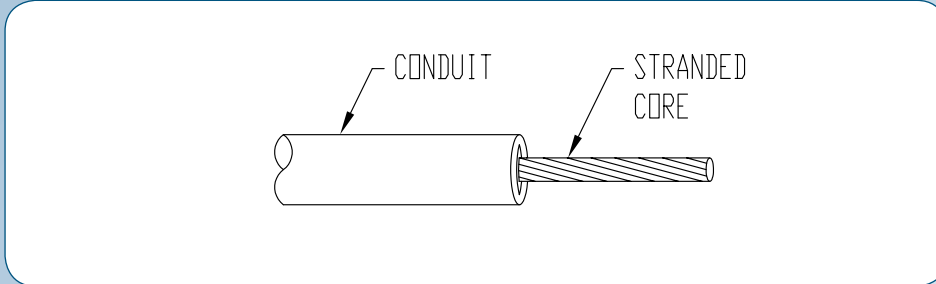


HOW TO SPECIFY CONDUIT CORES



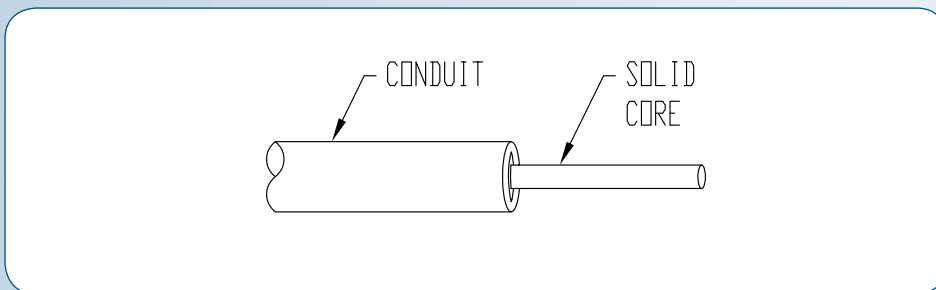
BERGEN CABLE TECHNOLOGY, LLC

The majority of push-pull and pull-pull applications utilize one of the standard cores listed below. Use Stranded Core for Pull-Pull controls and Solid Core for Push-Pull controls. Additional diameters and material are available upon request.



STRANDED CORE

PART NUMBER	Construction	DIAMETER (")	TOLERANCE (+)	MATERIAL	NORMAL WORKING LOAD (LBS.)
GAF046B2	1X19	3/64	0.005	Galv	20
GAF046C2	7X7			Galv	
SSF046B2	1X19			SS	
SSF046C2	7X7			SS	
GAF062B2	1X19	1/16	0.006	Galv	30
GAF062C2	7X7			Galv	
SSF062B2	1X19			SS	
SSF062C2	7X7			SS	



SOLID CORE

PART NUMBER	Construction	DIAMETER (")	TOLERANCE (±)	MATERIAL	NORMAL WORKING LOAD (LBS.)
SS1038V5	Solid	0.038	0.001	SS	5
SS1055V5	Solid	0.055	0.001	SS	20
SS1075V5	Solid	0.075	0.001	SS	50

Cable Assemblies and Cut Length Tolerances

Overall length tolerances required for cable assemblies and cut lengths of cable often dictate the production method to be used and thus the cost. Close tolerances frequently result in higher costs for both production and quality control. The allowable tolerance and inspection methods should be reviewed and agreed upon with Bergen prior to production.

Cable Assemblies and Cut Length Tolerances			
Assembly Length (ft.)	Tolerance in +/- inches		
	Commercial	Special	Tight
0-2	0.125	0.063	0.047
2-5	0.250	0.125	0.063
5-10	0.375	0.188	0.094
10-20	0.500	0.250	0.125
20-40	0.750	0.375	0.250
40-60	1.000	0.500	0.375
60-100	2.000	1.000	0.500
100+	2% of length	1% of length	-

When specifying assembly length, the best practice is to use the distance between designated MPs (Measuring Points) which are customarily the load bearing point of the fittings.

Conduit Length Tolerances

Overall conduit tolerances and lengths are listed below. The acceptable tolerance and inspection method should be reviewed with Bergen prior to production.

Conduit Length Tolerances	
Conduit Length (inches)	Tolerance (+/- INCHES)
0-12	0.063
12-24	0.125
24 +	0.25