



STX Wire & SFLRY - A Cable

Single Core Unshielded Cable



STX Wire

CONSTRUCTION

- Stranded or Solid
- Bare Copper
- PVC Insulation
- 0.044 Nominal Insulation Thickness

CHARACTERISTICS

- Temperature Range : -40°C to +125°C
- Voltage Rating : 50 Volts

APPLICATION

- STX wire can be used for automotive starters or battery grounds where resistance to abrasion, heat and aging is needed

FLRY-A Cable

CONSTRUCTION

- Stranded or Solid
- Bare Copper
- PVC Insulation

CHARACTERISTICS

- Temperature Range : -40°C to +125°C

APPLICATION

- FLRY - A is a PVC Automotive Cable with Type A Conductor and thin wall insulation used for automotive batteries and harnesses.

Specifications of STX Wire

AWG Size	Conductor Stranding	Nom. Insul. Thick. (in)	Nom. O.D. (in)	Approx LBS/MFT	Ford Spec
6	133/37	.044	.282	102	SAE J-1127
4	133/.0171	.044	.331	144	SAE J-1127
2	133/.0220	.044	.418	236	SAE J-1127

Specifications of FLRY-A Cable

Conductor Construction						Cable			
Nominal Cross-Section	No. of Strands	Diameter of Single Wire max.	Diameter of Conductor Wire max.	Electrical Resistance at 20°C		Insulation Wall thickness min.	Overall Diameter		Weight Approx.
				bare/tinned min.	bare/tinned max.		Nom.	Limit Tolerance	
mm ²	nos.	mm	mm	mΩ/m	mΩ/m	mm	mm	mm	kg/km
0.22	7	0.21	0.7	77.9/-	84.8/86.5	0.20	1.2	-0.1	3.1
0.35*	7	0.26	0.8	47.8/-	52.0/54.5	0.20	1.3	-0.1	4.5
0.5	19	0.19	1.0	34.1/-	37.1/38.2	0.22	1.6	-0.2	6.6
0.75*	19	0.23	1.2	22.7/-	24.7/25.4	0.24	1.9	-0.2	9
1	19	0.26	1.35	17.0/-	18.5/19.1	0.24	2.1	-0.2	11
1.5	19	0.32	1.7	11.7/-	12.7/13.0	0.24	2.4	-0.2	16
2	19	0.37	2.0	8.66/-	9.42/9.69	0.28	2.8	-0.3	22
2.5	19	0.41	2.2	7.0/-	7.6/7.8	0.28	3.0	3.0	26

*This cross-section with tinned standard conductor is suitable for use with insulation displacements connector