

SERVICE ENTRANCE STYLE R (SER)

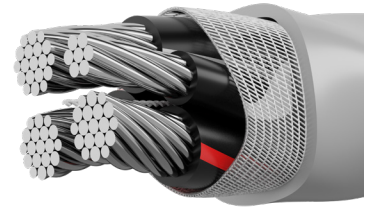
600V-8000 Series Aluminum Alloy

DESCRIPTION:

Compact stranded 8000 series aluminum alloy conductors. XHHW-2 insulation on individual conductors. Three conductors with a ground: two insulated conductors with an insulated neutral and bare ground. Gray PVC jacket is extruded over the assembly.

STANDARDS AND SPECIFICATIONS:

- UL 44 for Type XHHW-2 Conductors
- UL 854
- Federal Specification JC-30B NEC
- 8000 Series AL Alloy
- Flame Retardant Jacket
- Sunlight Resistant Jacket



Service Entrance - Style R (SER) - Three Conductors with Ground						
Construction	Phase Conductor Stranding	Ground Conductor Stranding	Nom. Cable OD (in.)	Amp. (90°C)	Amp. (Dwelling)	LBS/MFT
8/3c-8g	7	7	.592	45	-	130
6/3c-6g	7	7	.697	60	-	185
4/3c-6g	7	7	.791	75	-	246
2/3c-4g	7	7	.918	100	100	351
1/3c-3g	19	7	1.039	115	110	443
1/0-3c-2g	19	7	1.143	135	125	530
2/0-3c-1g	19	19	1.247	150	150	642
3/0-3c-1/0g	19	19	1.338	175	175	780
4/0-3c-2/0g	19	19	1.472	205	200	952
250/3c-3/0g	37	19	1.635	230	225	1109

Service Entrance - Style R (SER) - Four Conductors with Ground						
Construction	Phase Conductor Stranding	Ground Conductor Stranding	Nom. Cable OD (in.)	Amp. (90°C)	Amp. (Dwelling)	LBS/MFT
2/4c-4g	7	7	1.031	100	100	453
2/0-4c-1g	19	19	1.374	150	150	827
4/0-4c-2/0g	19	19	1.634	205	200	1231
250/4c-3/0g	37	19	1.961	230	225	1458

**Ampacity chart per NEC.