



DONGCHAO

UL Type SE Style R, Aluminum UL Type XHHW Conductors, 90°C Dry or Wet, Rated 600 V



APPLICATIONS

UL Type SE, Style R cables are used as an above ground service entrance cable, panel feeder and in branch circuits in accordance with NEC Article 338. The conductor is suitable for use in dry or wet locations at temperatures not to exceed 90°C. The cable is rated 600 V.

CONSTRUCTION

Conductor: Annealed compact stranded AA-8000 series Aluminum Conductor Material (ACM).

Insulation: Abrasion, moisture, and heat resistant color coded crosslinked polyethylene (XLPE), UL Type XHHW.

Assembly: Insulated conductors are cabled with a bare conductor. A flame retardant fiberglass reinforced binder tape assembles the core in a circular configuration.

Tape and Finish Covering : Sunlight resistant, RoHS compliant, flame retardant, gray polyvinyl chloride (PVC) material.

CONDUCTOR IDENTIFICATION

Two Conductors: Black and White

Three Conductors: Black, White and Red

Free Conductors: Black, White, Red and Blue

VOLTAGE RATING : 600 V

STANDARDS

These cables are manufactured and tested to meet or exceed the following standards:

- UL 44 -- Thermoset-Insulated Wires and Cables
- UL 854 -- Service-Entrance Cables

LISTINGS AND CERTIFICATIONS

UL listed as Type SE Style R -- File E487841

PART NO.	CONDUCTOR	NOMINAL	NET	AMPACITY		
	SIZE (AWG or KCMIL)	OD (INCHES)	WEIGHT (LBS/MFT)	60°C	75°C	90°C
TWO CONDUCTOR SER						
SER-8-02GSERAL	8-8-8	0.53	97	35	40	45
SER-6-02GSERAL	6-6-6	0.60	133	40	50	55
SER-4-02GSERAL	4-4-4	0.69	173	55	65	75
SER-4-02GSERALF	4-4-4	0.69	188	55	65	75
SER-2-02GSERALR	2-2-4	0.80	248	75	90	100
SER-2-02GSERALF	2-2-2	0.80	272	75	90	100
SER-1-02GSERAL	1-1-1	0.90	340	85	100	115
SER-1/0-02GSERALR	1/0-1/0-2	0.97	381	100	120	135
SER-1/0-02GSERALF	1/0-1/0-1/0	0.98	419	100	120	135
SER-2/0-02GSERALR	2/0-2/0-1	1.05	462	115	135	150
SER-2/0-02GSERALF	2/0-2/0-2/0	1.06	510	115	135	150
SER-3/0-02GSERALR	4/0-4/0-2/0	1.25	690	150	180	205
SER-4/0-02GSERALF	4/0-4/0-4/0	1.27	766	150	180	205
THREE CONDUCTOR SER						
SER-8-03GSERAL	8-8-8-8	0.59	128	35	40	45
SER-6-03GSERAL	6-6-6-6	0.69	177	40	50	55
SER-4-03GSERAL	4-4-4-6	0.76	234	55	65	75
SER-2-03GSERAL	2-2-2-4	0.90	336	75	90	100
SER-1-03GSERAL	1-1-1-3	1.01	422	85	100	115
SER-1/0-03GSERAL	1/0-1/0-1/0-2	1.10	521	100	120	135
SER-2/0-03GSERAL	2/0-2/0-2/0-1	1.20	633	115	135	150
SER-3/0-03GSERAL	3/0-3/0-3/0-1/0	1.32	774	130	155	175
SER-4/0-03GSERAL	4/0-4/0-4/0-2/0	1.45	948	150	180	205
SER-250-03GSERAL	250-250-250-3/0	1.61	1133	170	205	230
SER-300-03GSERAL	300-300-300-4/0	1.75	1342	195	230	260
FOUR CONDUCTOR SER						
SER-2-04GSERAL	2-2-2-2-4	1.01	425	75	90	100
SER-2/0-04GSERAL	2/0-2/0-2/0-2/0-1	1.35	807	115	135	150
SER-4/0-04GSERAL	4/0-4/0-4/0-4/0-2/0	1.63	1204	150	180	205
SER-250-04GSERAL	250-250-250-250-3/0	1.80	1438	170	205	230
SER-300-04GSERAL	300-300-300-300-4/0	1.95	1701	195	230	260



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