



PRODUCT INFORMATION SHEET

Navistar SGX

150°C - Heavy Duty - EPDM Insulated

Features

Copper Conductors
Insulation Material: EPDM

Applications

Voltage Rating: 60V DC or 25V AC *
600V (ACrms or DC) **
1000V (ACrms or DC) **
Intended for use in surface vehicle electrical systems
Temperature -40°C to 150°C

Compliance

DPA: ES-2332
SAE: J1654
RoHS Compliant

Product Options

Colors: Black, Red, and others available upon request
Packaging Options: Reels, various sizes and disposal or recyclable
Custom printing available upon request.

Conductor Size	Conductor Area, Minimum	Conductor Resistance, Maximum	Strand Diameter	Insulation Thickness, Minimum	Cable OD, Maximum
SAE No.	Cmils/mm ²	Ω per 1000ft / 1000m @ 20°C	SAE No.	mm	mm
250MCM	244,920 / 124.1	0.042 / 0.138	30	0.055 / 1.39	0.866 / 22.00
4/0	205,500 / 104.1	0.050 / 0.164	30	0.055 / 1.397	0.810 / 20.574
3/0	158,600 / 80.4	0.065 / 0.213	30	0.055 / 1.397	0.750 / 19.050
2/0	125,100 / 63.4	0.083 / 0.272	30	0.046 / 1.168	0.655 / 16.637
1/0	98,980 / 50.2	0.105 / 0.344	30	0.046 / 1.168	0.600 / 15.240
1	77,790 / 39.4	0.128 / 0.420	30	0.046 / 1.168	0.557 / 14.148
2	62,450 / 31.6	0.166 / 0.545	30	0.046 / 1.168	0.505 / 12.827
4	37,360 / 18.9	0.278 / 0.912	30	0.046 / 1.168	0.420 / 10.668
6	24,538 / 12.4	0.423 / 1.388	27	0.042 / 1.067	0.339 / 8.611

Notes:

* 60V DC or 25V AC rating only requires ES-2332 compliance.

** 600V or 1000V ratings require compliance with SAE: J1654.

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