

## MEDIUM VOLTAGE POWER CABLE

EPR Insulation – LDPE Jacket  
 MV-105 – 133% Insulation Level  
 15kV – Single Conductor



CONSTRUCTION	
Conductor	- Soft-annealed copper - Class B stranding
Conductor Shield	- Semi-conducting Cross-linked Polyethylene (XLPE)
Insulation	- Thermoset Ethylene Propylene Rubber (EPR)
Insulation Shield	- Semi-conducting Cross-linked Polyethylene (XLPE)
Neutral Conductor	- Copper concentric neutral wires - 250 and larger – 1/3 Neutral - 4/0 and smaller – Full Neutral
Concentric Neutral	- Soft-annealed solid copper wires
Jacket	- Black, sunlight resistant, linear low density Polyethylene (LDPE) encapsulating the neutral wires - Outer jacket has three extruded red stripes for identification purposes

### Applications:

- Underground primary cable for residential and commercial distribution circuits
- Suitable for use in wet or dry locations, installed in underground ducts or direct buried
- Wet and dry locations: Normal 105°C, Emergency 140°C, Short Circuit 250°C

### Standards:

- AEIC CS8
- ICEA S-94-649; T-31-610; T-34-664

Part #	AWG	Stranding	Nominal O.D. over Insulation	Nominal O.D. over Jacket	Nom. O.D. Overall	Lbs./M'
MU30201C	2	7	.77?	.050?	1.08?	789
MU31/001C	1/0	19	.85?	.050?	1.20?	1095
MU32/001C	2/0	19	.90?	.050?	1.28?	1327
MU34/001C	4/0	19	1.01?	.050?	1.41?	1874
MU325001C	250	37	1.06?	.050?	1.39?	1623
MU335001C	350	37	1.16?	.050?	1.52?	2132
MU350001C	500	37	1.29?	.080?	1.76?	2976

\*Accessories are available for all medium voltage products.

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances.