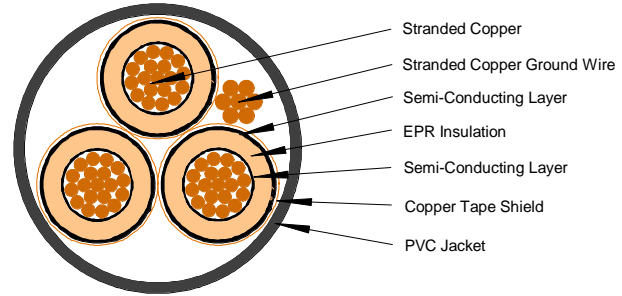


basic wire and cable

3900 N. ROCKWELL ST. CHICAGO, ILLINOIS 60618-3730, TEL: (773) 539-1800, FAX: (773) 539-3500

TYPE EPR POWER CABLE

**MV- 105 WET OR DRY
THREE CONDUCTOR W/GRD, SHIELDED
PVC JACKET
15000 Volts, 133% Insulation Level**



APPLICATION:

- A- Where NEC jurisdiction applies; as 15000 volts shielded power cable, Type MV-105, for use at conductor temperature not exceeding 105°C in wet or dry locations, when installed in accordance with the National Electrical Code.
- B- Otherwise, for general purpose applications in wet or dry locations, in circuits not exceeding 15000 volts, phase to phase, at conductor temperatures not exceeding 105°C for normal, 130°C for emergency overload, and 250°C circuit conditions. Suitable for installation in conduit, trays, troughs, ducts, aerial, and direct burial applications.

CONSTRUCTION:

Stranded copper conductor, semi-conducting layer, EPR insulation, semi-conducting layer, helically applied copper tape shield, three phase-identified conductors cabled together with fillers and a stranded copper ground wire in one interstice, cable tape, PVC jacket overall, surface printed.

STANDARDS:

1. Conforms to AEIC CS8.
2. Type MV-105 power cable, 15,000 volts.
3. Overall jacket suitable for Sunlight Resistant and Direct Buried applications.
4. Sizes 1/0 AWG and larger designed to pass the IEEE-383 flame test and are suitable "For CT Use."
5. Cables conform to ICEA S-93-639 and ICEA S-97-682.

15000 VOLTS, SHIELDED, THREE CONDUCTOR W/GROUND, 133% INSULATION LEVEL

BASIC CAT. NO.	SIZE AWG/ KCMIL	NO. OF STRDS	INSUL. THICK. mils	JKT. THICK. mils	GRD. WIRE AWG	O.D. in.	WEIGHT lbs/mft
13-1553	2	7	220	110	6	2.12	2410
13-1554	1	19	220	110	4	2.21	2690
13-1555	1/0	19	220	110	4	2.29	2965
13-1556	2/0	19	220	110	4	2.39	3330
13-1557	3/0	19	220	110	3	2.50	3800
13-1558	4/0	19	220	110	3	2.62	4375
13-1559	250	37	220	110	3	2.78	5025
13-1561	350	37	220	140	2	3.07	6465
13-1563	500	37	220	140	1	3.35	8340
13-1565	750	61	220	140	1/0	3.76	11510

OPTIONS: Also available with -LZ Low Smoke Zero Halogen Jacket, -CP Chlorinated Polyethylene Jacket

Dimensional data not binding. We reserve the right to alter specifications without notice.

SHIPPING TOLERANCE +/- 10%

