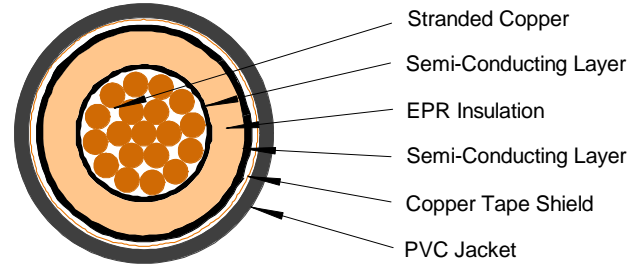


# basic wire and cable

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  
SINGLE CONDUCTOR, 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, black 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. Sizes 250 MCM and larger designed to pass the IEEE-1202 flame test.
6. Cables conform to ICEA S-93-639 and ICEA S-97-682.

#### 15000 VOLTS, SHIELDED, 133% INSULATION LEVEL

BASIC CAT. NO.	SIZE AWG/ KCMIL	NO. OF STRDS	INSUL. THICK. mils	JKT. THICK. mils	O.D. in.	WEIGHT lbs/mft
13-1504	2	7	220	80	1.03	685
13-1505	1	19	220	80	1.07	760
13-1506	1/0	19	220	80	1.11	840
13-1507	2/0	19	220	80	1.15	955
13-1508	3/0	19	220	80	1.19	1115
13-1509	4/0	19	220	80	1.26	1275
13-1510	250	37	220	80	1.34	1465
13-1512	350	37	220	80	1.44	1840
13-1514	500	37	220	80	1.57	2395
13-1516	750	61	220	110	1.83	3415
13-1518	1000	61	220	110	2.01	4435

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%

