Utility Conductor/Wire Identification Guide

For more information or to report recovered material
We Energies Corporate Security Office  414-221-4024 (during normal business hours)
Central Alarm Station  414-221-4120 (after business hours)

Trim cover insert to 9&3/8” x 11”
Spine 1” x 11”
Utility Conductor/Wire Identification Guide

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GLOSSARY
■ Acronyms
ACSR. Aluminum Conductor Steel Reinforced
AWG (American Wire Gauge). Standard measurement used to determine diameter
CN/JKT. Copper w/ nylon jacket insulation
HD. Wire was “hard drawn” during processing
SD. Wire was “soft drawn” during processing
XLPE. Cross linked polyethylene insulated

■ Other Terms
Aluminum Phase. High strength alloy
Bare. Wire does not have an insulating cover
Coated. Wire has an insulating cover.
Electrical Current capacity. Designated by volts, i.e. 600v
Lot Number. Specific part number for ordering from manufacturer
Multiple cable assemblies. Designated by number and type of cable, i.e. 2 - #1/0, w/#2/0 neutral.
Resistance. Designated by KCM value (350, 336.4, 750, etc.)
Strands. The number of individual wires used in the cable.
Width of multi-strand conductor. Designated smallest to largest: #1/0, #2/0, #3/0 and #4/0.

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#2 6/1 Strand ACSR Bare Aluminum
600V DB 2-350 Aluminum Phase w/ #3/O Neutral
600V DB 3-#3/O Aluminum Phase w/ 1/O Neutral
300V 2-1/0 XLPE Aluminum and 1-123.3 Aluminum Bare
600V DB 3-750 Aluminum Phase w/ 350 Neutral
Lot #103-5118

336.4 KCM 26/7 Strand
ACSR Bare Aluminum
600V DB 2 - #1/O 19 Strand
Aluminum Phase CD
Lot #103-4308

#3/0 6/1 Strand ACSR Bare Aluminum
600V DB 2- #3/0 Aluminum Phase w/ 1/0 Neutral
300V, 2-#1/O Strand Aluminum Insulated with Bare Neutral

300V 2-#1/O Strand
Aluminum Insulated with Bare Neutral
Lot #102-3811

600V DB (3) 750 KCM-61
Strand Aluminum Phase
CN/JKT 15KV
#2 Solid Aluminum Core
Lot #101-9690

CN/JKT 15KV #2 Solid Aluminum
#4 7 Strand Copper
600 V X-Linked Poly
Lot #103-3964

#1/0 19 Strand Copper
600 V XLPE
Lot #103-2712

#6 SD Solid Copper
WR Poly - Pole Grounds
#4/O 19 Strand Copper
600V XLPE
1/0 7 Strand 3D Copper
Non Coated BW
#1/O 19 Strand Tinned Copper Coated Bonding
#6 HD Solid Copper
WR Poly - Pole Ground
Lot #103-4405

#4/O 7 Strand SD Copper
Non Coated BW
Lot #101-2924

15KV #2 Stranded Copper
Lot #101-9920

600V 500 KCMIL 37 Strand
14KV
Paper Insulated - Lead Covered
#4/0 Stranded Copper
#1/0 7 Strand Copper -
Steel Core
Telephone 6 Pair
Cable TV (Coax)
Lot #103-3280

#2 7-Strand, CU 600V XLPE
500 KCMIL 28KV Copper
Copper Ground Rod - Steel Core
7 Strand Steel Guy Wire