

OMEGACLAD™ RTD MI Cable

4 Wide and 6-Conductor



- ✓ Rugged 316 SS Sheath with Nickel 201 Conductors
- ✓ Available with Inconel® 600, 304 SS, 310 SS, and 321 SS Sheath Material
- ✓ Available with Copper Conductors
- ✓ 99.4% High Purity MgO Insulation
- ✓ Exceptionally Long Lengths in Stock

Specifications

Cable OD: 6.3 mm (0.250") ± 0.02 mm (0.001")

Sheath Thickness:

0.86 mm (0.034") ± 0.08 mm (0.003")

Conductor Diameter:

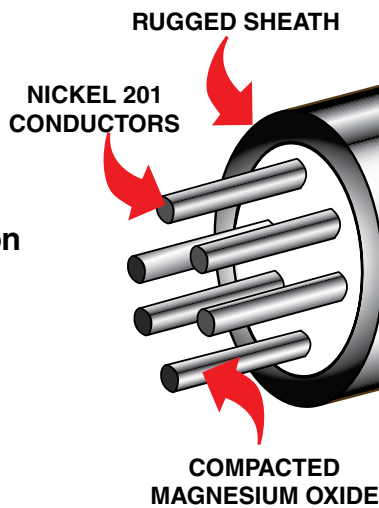
0.63 mm (0.025") ± 0.08 mm (0.003")

Conductor Bolt Circle: 3.43 mm (0.135") ± 10%

Insulation: 99.4% MgO

Sheath Material: 316 SS

Conductors: Nickel 201

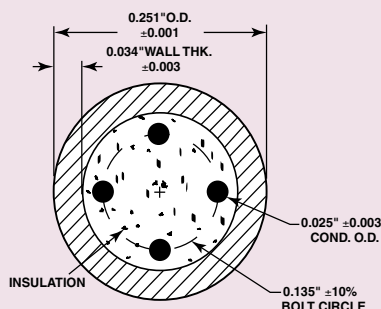


Both conductors shown larger than actual size.

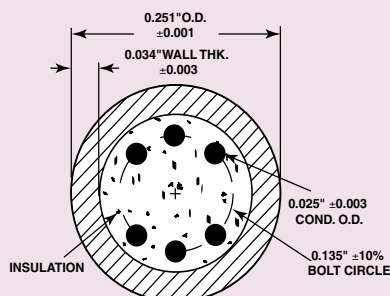
6-Conductor

4-Conductor

316-RTD-4W-MO-250



316-RTD-6W-MO-250



Discount Schedule

Metric	Feet	
0 to 3 m	0 to 10'	Net
3.1 to 7.5 m	11 to 25'	10%
7.6 to 15 m	26 to 50'	25%
15.1 to 30 m	51 to 100'	30%

Consult sales on larger quantities.

To Order

Standard Sizes Model Number	Wire Calibration	Conductors	Sheath Material	Insulation	Sheath Diameter inches	Wall Thickness inches	Wire Diameter inches
316-RTD-4W-MO-250	Uncompensated Nickel 201	4 (wide space)	316 Stainless Steel	MGO	0.250	0.036	0.040
316-RTD-4W-MO-188		4 (wide space)		MGO	0.188	0.025	0.032
316-RTD-4W-MO-125		4 (wide space)		MGO	0.125	0.018	0.020
316-RTD-6W-MO-250		6 (circle)		MGO	0.250	0.036	0.040
316-RTD-6W-MO-188		6 (circle)		MGO	0.188	0.025	0.032
316-RTD-6W-MO-125		6 (circle)		MGO	0.125	0.018	0.020
Metric Sizes Model Number	Wire Calibration	Conductors	Sheath Material	Insulation	Sheath Diameter mm	Wall Thickness mm	Wire Diameter mm
316-RTD-4W-MO-6.0MM	Uncompensated Nickel 201	4 (wide space)	316 Stainless Steel	MGO	6.0	0.94	1.02
316-RTD-4W-MO-4.5MM		4 (wide space)		MGO	4.5	0.66	0.79
316-RTD-4W-MO-3.0MM		4 (wide space)		MGO	3.0	0.46	0.56
316-RTD-6W-MO-6.0MM		6 (circle)		MGO	6.0	0.94	1.02
316-RTD-6W-MO-4.5MM		6 (circle)		MGO	4.5	0.66	0.79
316-RTD-6W-MO-3.0MM		6 (circle)		MGO	3.0	0.46	0.56

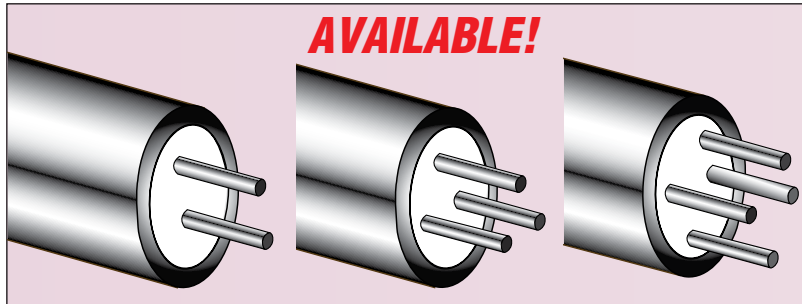
For copper conductors, insert "-CU" into model number, ie: 316-RTD-4WCU-MO-250.

For different sheathings, insert "-304," "-310," "-321," or "-INC" in place of "316"; ie: 304-RTD-4W-MO-250.

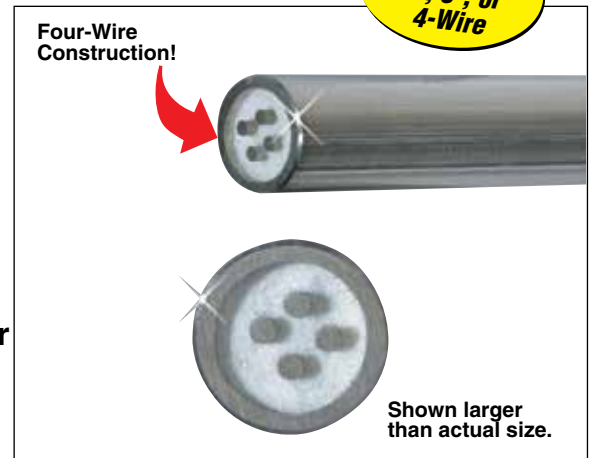
For six conductor European/equal spacing, insert "-E" into model number, ie: 316-RTD-6E-MO-6.0MM.

Ordering Example: 316-RTD-4W-MO-250-500, 316SS sheath with 4 conductors, 0.250" diameter cable, 500'.

OMEGACLAD™ RTD MI Cable 2-, 3- and 4-Conductor Extension MI Cable



- ✓ Rugged 316 SS Sheath with Nickel 201 Conductors
- ✓ Available with Inconel® 600, 304 SS, 310 SS, and 321 SS Sheath Material
- ✓ Available with Copper Conductors
- ✓ 99.4% High Purity MgO Insulation
- ✓ Exceptionally Long Lengths in Stock!



Available in
2-, 3-, or
4-Wire

To Order

Standard Sizes Model Number	Wire Calibration	Conductors	Sheath Material	Insulation	Sheath Diameter inches	Wall Thickness inches	Wire Diameter inches
316-RTD-4-MO-250	Uncompensated Nickel 201	4	316 Stainless Steel	MGO	0.250	0.036	0.040
316-RTD-4-MO-188		4		MGO	0.188	0.025	0.032
316-RTD-4-MO-125		4		MGO	0.125	0.018	0.020
316-RTD-4-MO-062		4		MGO	0.062	0.010	0.010
316-RTD-4-MO-040		4		MGO	0.040	0.006	0.005
316-RTD-3-MO-250	Uncompensated Nickel 201	3	316 Stainless Steel	MGO	0.250	0.036	0.040
316-RTD-3-MO-188		3		MGO	0.188	0.025	0.032
316-RTD-3-MO-125		3		MGO	0.125	0.018	0.020
316-RTD-3-MO-062		3		MGO	0.062	0.010	0.010
316-RTD-3-MO-040		3		MGO	0.040	0.006	0.005
316-RTD-2-MO-250	Uncompensated Nickel 201	2	316 Stainless Steel	MGO	0.250	0.036	0.040
316-RTD-2-MO-188		2		MGO	0.188	0.025	0.032
316-RTD-2-MO-125		2		MGO	0.125	0.018	0.020
316-RTD-2-MO-062		2		MGO	0.062	0.010	0.010
316-RTD-2-MO-040		2		MGO	0.040	0.006	0.005
Metric Sizes Model Number	Wire Calibration	Conductors	Sheath Material	Insulation	Sheath Diameter mm	Wall Thickness mm	Wire Diameter mm
316-RTD-4-MO-6.0MM	Uncompensated Nickel 201	4	316 Stainless Steel	MGO	6.0	0.94	≥0.72
316-RTD-4-MO-4.5MM		4		MGO	4.5	0.66	≥0.54
316-RTD-4-MO-3.0MM		4		MGO	3.0	0.46	≥0.36
316-RTD-4-MO-1.5MM		4		MGO	1.5	0.25	≥0.18
316-RTD-4-MO-1.0MM		4		MGO	1.0	0.15	≥0.12
316-RTD-3-MO-6.0MM	Uncompensated Nickel 201	3	316 Stainless Steel	MGO	6.0	0.94	1.02
316-RTD-3-MO-4.5MM		3		MGO	4.5	0.66	0.79
316-RTD-3-MO-3.0MM		3		MGO	3.0	0.46	0.56
316-RTD-3-MO-1.5MM		3		MGO	1.5	0.25	0.25
316-RTD-3-MO-1.0MM		3		MGO	1.0	0.15	0.13
316-RTD-2-MO-6.0MM	Uncompensated Nickel 201	2	316 Stainless Steel	MGO	6.0	0.94	1.02
316-RTD-2-MO-4.5MM		2		MGO	4.5	0.66	0.79
316-RTD-2-MO-3.0MM		2		MGO	3.0	0.46	0.56
316-RTD-2-MO-1.5MM		2		MGO	1.5	0.25	0.25
316-RTD-2-MO-1.0MM		2		MGO	1.0	0.15	0.13

For copper conductors, insert "-CU" into model number, ie: 316-RTD-4CU-MO-250.

For different sheathings, insert "-304," "-310," "-321," or "-INC" in place of "316"; ie: 304-RTD-4-MO-250.

Ordering Examples: 316-RTD-3-MO-250-100, 316SS sheath with 3 conductors, 0.250" diameter cable, 100' length.
316-RTD-3-MO-6.0MM-30, 316SS sheath with 3 conductors, 6 mm diameter cable, 30 m length.