



Copper Coated Earth Rod

DAR Copper Coated Earth Rods offer installers the most economical method of achieving a low earth resistance. Each rod has a high tensile strength, low carbon steel core. 99.99% pure copper is applied electrolytically and forms a metallurgical bond between the steel core and the copper. This combination makes the rod ideal for deep driving while also providing lasting resistance to corrosion. The threads are formed by a cold rolling process which ensures strength and maintains the molecularly bonded copper covering along the full length of the threads. Cold-rolled threads are stronger than cut-threads. The standard copper thickness is 0.254 mm, but greater copper thicknesses are also available. The material used is pure copper molecularly bonded onto a steel core.

There is a difference between thread and shank diameters for threaded rods. It mentions that confusion often arises between the two. The thread rolling process used by quality rod manufacturers raises the surface of the rod, resulting in a thread diameter (B) that is greater than the shank diameter (A). All threads are Unified National Coarse (UNC-2A).

Part No.	Nominal Size	Length	Rod Diameter A (mm)	Thread Size B (mm)	Thread Length
DARR-5812	5/8"	1200	14.2	15.8	35
DARR-5815	5/8"	1500	14.2	15.8	35
DARR-5824	5/8"	2400	14.2	15.8	35
DARR-5830	5/8"	3000	14.2	15.8	35
DARR-3412	3/4"	1200	17.2	19	35
DARR-3415	3/4"	1500	17.2	19	35
DARR-3424	3/4"	2400	17.2	19	35
DARR-3430	3/4"	3000	17.2	19	35

