



Type AR-A Aluminium Armour Rods

Material

Aluminium Armour rods are manufactured using high strength corrosion resistant aluminium alloy wire. Aluminium armour rods may be used in all environments.

Application

Armour rods are designed to help prevent damage to conductors caused by bending, by high clamping stresses, by abrasion at support points and damage caused by arcing. Armour rods are not vibration dampers but help to prevent vibration damage to conductors by increasing the stiffness of the conductor at the support point and by preventing abrasion to the strands of the conductor.

Armour rods can also be used to repair minor damage to the outer strands of the conductor. Please consult Dulhunny for specific information on damage repair.

Tapping

Taps may be applied over armour rods, but scratch brushing and greasing of the conductor is recommended if taps are to be applied.

Catalogue Number	Conductors		Outside Diameter	Pack Size	AS1154 Colour Code
	AAC AAAC	ACSR			
AR-A 05.25	7/1.75	3/4/1.75	5.25	50	Purple
AR-A 06.75	7/2.25	–	6.75	50	Brown
AR-A 07.50	7/2.50	6/1/2.50	7.50	50	Blue
AR-A 07.50	–	3/4/2.50	7.50	50	Blue
AR-A 09.00	7/3.00	6/1/3.00	9.00	40	Red
AR-A 09.00	–	4/3/3.00	9.00	40	Red
AR-A 11.25	7/3.75	6/1/3.75	11.25	25	Black
AR-A 11.25	–	4/3/3.75	11.25	25	Black
AR-A 13.50	7/4.50	–	13.50	20	Green
AR-A 14.30	7/4.75	6/4.75+7/1.60	14.30	20	Blue
AR-A 16.25	19/3.25	–	16.25	15	Orange
AR-A 17.50	–	30/7/2.50	17.50	15	Blue
AR-A 18.75	19/3.75	–	18.75	10	Red
AR-A 21.00	37/3.00	30/7/3.00	21.00	5	Red
AR-A 23.75D	19/4.75	–	23.75	5	Blue