

# Armor Rod

**Weight:** 0.00kg

**Dimensions:** 0.00cm x 0.00cm x 0.00cm

## Description

**ARMOR RODS** are designed to protect cable against bending, compression, abrasion, and flash-over. They are also used to repair damaged aluminum-based conductors and restore the conductors' mechanical strength and conductivity.

## Features

- Single and Double Support lengths available
- Thermal Rating (Continuous) Within a high temperature Suspension Clamp 250°C, ACSS Repair 250°C, ACSR Repair 125°C.
- Available PARROT-BILL ends to meet the corona onset and RIV requirements for most EHV applications.

## Documentation

### Application Procedures

[SP-2052 \(Armor Rods\)](#)

### Catalog Pages

[Armor Rods-AAR Catalogue](#)

### Reports & Manuals

[Overhead Distribution Line Repair Manual](#)

[Transmission Line Repair Manual](#)

### Part Tables

# Aluminium Alloy Armor Rods

RIGHT HAND LAY STANDARD. ALWAYS QUOTE INSULATOR TYPE AND NECK DIAMETER.

CATALOGUE NO. AAR	CONDUCTOR DIAMETER (mm)	COLOUR CODE	RODS PER SET	LENGTH OF FITTING (mm)	ROD DIA. (mm)	SETS PER PACK	APPROX PACK MASS (kg)
AAR 133/141	3.38 – 3.58	Red	6	910	2.64	50	5
AAR 142/150	3.61 – 3.81	Brown	6	910	2.64	50	5
AAR 151/160	3.84 – 4.06	Green	6	910	2.64	50	6
AAR 161/171	4.09 – 4.34	Yellow	7	910	2.64	50	6
AAR 172/181	4.37 – 4.60	Grey	7	910	2.64	50	6
AAR 182/193	4.62 – 4.90	Red	7	910	2.64	50	8
AAR 194/207	4.93 – 5.26	Blue	7	1010	2.95	50	8
AAR 208/219	5.28 – 5.56	Green	7	1010	2.95	50	9
AAR 220/228	5.59 – 5.79	White	7	1010	3.25	50	10
AAR 229/243	5.82 – 6.17	Red	7	1010	3.25	50	10
AAR 244/259	6.20 – 6.58	Orange	7	1010	3.25	50	12
AAR 260/273	6.60 – 6.93	Green	7	1070	3.66	50	14
AAR 274/289	6.96 – 7.34	Yellow	8	1070	3.66	50	13
AAR 290/308	7.37 – 7.82	Brown	8	1070	3.66	50	14
AAR 309/326	7.85 – 8.28	Red	8	1120	3.66	50	14
AAR 327/346	8.31 – 8.79	Blue	9	1170	3.66	50	16
AAR 347/366	8.81 – 9.30	Green	9	1220	3.66	50	17
AAR 367/389	9.32 – 9.88	Black	10	1270	3.66	50	18
AAR 390/413	9.91 – 10.49	Yellow	9	1320	4.06	30	23
AAR 414/436	10.52 – 11.07	Red	10	1320	4.06	30	16
AAR 437/463	11.10 – 11.76	Blue	10	1370	4.06	30	17
AAR 464/490	11.79 – 12.45	Green	10	1370	4.06	30	17
AAR 491/521	12.47 – 13.23	Orange	11	1420	4.06	30	20
AAR 522/558	13.26 – 14.17	Brown	11	1470	4.47	30	21
AAR 559/585	14.20 – 14.86	White	11	1520	4.47	30	23
AAR 586/606	14.88 – 15.39	Blue	12	1620	4.47	15	15
AAR 607/630	15.42 – 16.00	Orange	12	1570	4.47	15	15
AAR 631/655	16.03 – 16.64	Red	12	1620	4.62	15	15
AAR 656/679	16.66 – 17.25	Black	12	1680	4.62	15	17
AAR 680/703	17.27 – 17.86	Yellow	13	17.30	4.62	15	20
AAR 704/739	17.88 – 18.77	White	12	1830	5.18	15	21
AAR 740/755	18.80 – 19.18	Red	12	1830	5.18	15	22
AAR 756/766	19.20 – 19.46	Black	13	1830	5.18	15	23
AAR 767/814	19.48 – 20.68	Green	11	1930	6.35	10	24
AAR 815/845	20.70 – 21.46	Brown	11	1930	6.35	10	24
AAR 846/907	21.49 – 23.04	Red	12	1930	6.35	10	24
AAR 908/929	23.06 – 23.60	Orange	12	1980	6.35	10	25
AAR 930/976	23.62 – 24.79	Green	12	2030	6.35	10	28
AAR 977/1016	24.82 – 25.81	Blue	12	2240	7.62	10	38

RIGHT HAND LAY STANDARD.

CATALOGUE NO. CAR	CONDUCTOR DIAMETER (mm)	COLOUR CODE	RODS PER SET	SETS PER PACK	APPROX PACK MASS (kg)	LENGTH OF FITTING (mm)	ROD DIA. (mm)
315 – 333	7.98 – 8.46	BLACK	9	15	14	1170	3.25
334 – 352	8.47 – 8.94	WHITE	9	15	14	1220	3.25
353 – 372	8.95 – 9.45	BROWN	10	10	11	1270	3.25
373 – 392	9.46 – 9.96	RED	9	10	13	1350	3.66
393 – 408	9.97 – 10.36	ORANGE	10	10	14	1350	3.66
409 – 425	10.37 – 10.79	GREEN	10	10	16	1370	3.66
426 – 450	10.82 – 11.43	BLUE	10	10	19	1370	4.06
451 – 476	11.44 – 12.09	YELLOW	10	10	19	1420	4.06
477 – 504	12.10 – 12.80	WHITE	11	10	22	1420	4.06
505 – 534	12.81 – 13.56	GREY	11	10	22	1470	4.06
535 – 565	13.57 – 14.35	RED	12	10	24	1470	4.06
566 – 592	14.36 – 15.04	GREEN	12	10	25	1520	4.06
593 – 625	15.05 – 15.87	BLUE	13	5	14	1520	4.06
626 – 666	15.88 – 16.92	YELLOW	12	5	17	1570	4.47
667 – 701	16.93 – 17.80	BROWN	13	5	18	1570	4.47
702 – 735	17.81 – 18.67	RED	13	5	19	1630	4.47
736 – 767	18.68 – 19.48	BLUE	14	5	20	1630	4.47
768 – 798	19.49 – 20.27	ORANGE	13	5	21	1680	4.88
799 – 841	20.28 – 21.26	GREEN	14	5	23	1730	4.88
842 – 890	21.27 – 22.60	BLACK	13	5	27	1780	5.89
891 – 940	22.61 – 23.88	YELLOW	14	5	30	1830	5.89

## **Product Gallery**