

Armor Rods and Line Guards Strength Restoration

ACSR, All Aluminum and Aluminum Alloy Conductors

Material	ACSR											AAC			AAAC		
Configuration	5/1	6/1	7/1	8/1	18/1	12/7	24/7	26/7	30/7	45/7	54/7	7W	19W	37W	61W	7W	19W
Maximum number of broken strands allowed																	
Armor Rods*	2	3	3	4	6	6	7	8	9	10	12	2	6	9	12	3	6
Line Guards*	1	1	1	2	3	3	3	4	5	5	6	1	3	4	6	1	3

*Not applicable if steel core is damaged

Conductor Splices and Full Tension Splices Strength Restoration

ACSR, All Aluminum and Aluminum Alloy Conductors

Material	ACSR											AAC			AAAC		
Configuration	5/1	6/1	7/1	8/1	18/1	12/7	24/7	26/7	30/7	45/7	54/7	7W	19W	37W	61W	7W	19W
Maximum number of broken strands allowed																	
Conductor Splice*	5	6	7	8	18	12	24	26	30	45	54	7	19	37	61	7	19
ACSR Full Tension Splice	6	7	8	9	19	19	31	33	37	52	61	n/a	n/a	n/a	n/a	n/a	n/a

*Not applicable if steel core is damaged

- Steel Core
- Aluminum Material