



ARCOVA ENERGY SOLUTIONS

Product Selection Manual

Composite Insulator Series

Exclusive North American Agent

GCP Energy LLC

Pole Line Hardware | Insulators | Cutouts | Bushings

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About Arcova Energy Solutions

Arcova Energy Solutions is a leading provider of high-voltage transmission and distribution hardware serving the North American market. With KEMA, UL, and ISO certifications backing our products, Arcova delivers composite insulators engineered for reliability across demanding utility, railway, and urban transit applications.

Our composite insulator product line covers voltage classes from 1kV through 500kV, supporting suspension, post, pin-type, cross arm, wind deflection, hollow, and tension rod configurations. All products are manufactured in facilities with advanced HV testing capability including power frequency withstand, lightning impulse, mechanical strength, and environmental aging tests. Products are tested before shipment per IEC 61109 standards.

Certifications & Standards: ISO 9001:2000, ISO 14001, OHSAS 18001, KEMA High Voltage Laboratory Testing, UL Listed, IEC 61109 Compliance, National Quality Supervision Inspection & Test Center Approved

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured in accordance with customer requirements. Contact Arcova Energy Solutions for custom specifications.

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Composite Insulators for Transmission and Distribution Line

500kV Composite Long Rod Suspension Type Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FXBW-500/(120/100)	FXBW-500/(120/100)	500	120/100	4450	14000	2250	1240	30
ARC-FXBW-500/(240/210/180/160)	FXBW-500/(240/210/180/160)	500	240/210/180/160	4450	14300	2250	1240	31
ARC-FXBW-500/300	FXBW-500/300	500	300	4450	14000	2250	1240	32
ARC-FXBW-500/(420/400)	FXBW-500/(420/400)	500	420/400	4450	14000	2250	1240	33
ARC-FXBW-500/(550/530)	FXBW-500/(550/530)	500	550/530	4450	14000	2250	1240	34

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

330kV Composite Long Rod Suspension Type Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FXBW-330/(130/100/75)	FXBW-330/(130/100/75)	330	130/100/75	2990	9400	1425	950	19
ARC-FXBW-330/(240/210/180/160)	FXBW-330/(240/210/180/160)	330	240/210/180/160	2990	9200	1425	950	20
ARC-FXBW-330/300	FXBW-330/300	330	300	2990	9075	1425	950	21
ARC-FXBW-330/(420/400)	FXBW-330/(420/400)	330	420/400	3145	9075	1425	950	24
ARC-FXBW-330/(550/530)	FXBW-330/(550/530)	330	550/530	3145	9075	1425	950	25

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

220kV Composite Long Rod Suspension Type Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FXBW-220(230)/(120/100/70)	FXBW-220(230)/(120/100/70)	220/230	120/100/70	2240	6800	1000	395	12
ARC-FXBW-220(230)/(240/210/180/160)	FXBW-220(230)/(240/210/180/160)	220/230	240/210/180/160	2350	6800	1000	395	13
ARC-FXBW-220(230)/300	FXBW-220(230)/300	220/230	300	2240	6800	1000	395	14

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

110kV (132kV) Composite Long Rod Suspension Type Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FXBW-110/(120/100/70)	FXBW-110/(120/100/70)	110	120/100/70	1240	3150	550	230	4.6
ARC-FXBW-110/(120/100/70)-2	FXBW-110/(120/100/70)-2	110	120/100/70	1400	3650	550	230	7
ARC-FXBW-132/(120/100/80)	FXBW-132/(120/100/80)	132	120/100/80	1650	5800	650	340	7.2
ARC-FXBW-132/160	FXBW-132/160	132	160	1710	5800	650	340	8.4

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

69kV (66kV, 63kV) Composite Long Rod Suspension Type Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FXBW-63/(120/100/70)	FXBW-63/(120/100/70)	63	120/100/70	840	1900	350	140	3.8
ARC-FXBW-69(66)/(120/100/70)	FXBW-69(66)/(120/100/70)	69/66	120/100/70	940	2800	410	180	4.0

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

36kV (35kV, 33kV) Composite Long Rod Suspension Type Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FXBW-33(35)/(120/100/80/70)	FXBW-33(35)/(120/100/80/70)	33/35	120/100/80/70	610	810	230	95	2.6
ARC-FXBW-36/(120/100/80/70)	FXBW-36/(120/100/80/70)	36	120/100/80/70	680	1440	230	95	2.8

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

25kV (24kV, 20kV) Composite Long Rod Suspension Type Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FXBW-25(24,20)/(120/100/80/70)	FXBW-25(24,20)/(120/100/80/70)	25/24/20	120/100/80/70	504	900	150	90	2.0

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

10kV Composite Long Rod Suspension Type Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FXBV-10/70	FXBV-10/70	10	70	345	435	110	50	1.3
ARC-FXBW-10/70	FXBW-10/70	10	70	365	500	110	60	1.6

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

220kV Cross Arm Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FS-220/0.25-MJ-2240	FS-220/0.25-MJ-2240	220	0.25	2240	6300	1000	395	18
ARC-FS-220/0.5-MJ-2240	FS-220/0.5-MJ-2240	220	0.5	2240	6300	1000	395	21
ARC-FS-220/1-MJ-2500	FS-220/1-MJ-2500	220	1	2500	6300	1000	395	22
ARC-FS-220/2-MJ-2500	FS-220/2-MJ-2500	220	2	2500	6300	1000	395	32
ARC-FS-220/4-MJ-2500	FS-220/4-MJ-2500	220	4	2500	6300	1000	395	48

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

110kV (132kV) Cross Arm Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FS-110(132)/(6,10/12.5)	FS-110(132)/(6,10/12.5)	110/132	6/10/12.5	1386	4500	550	344	230

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

66kV Cross Arm Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FS-66/10-MJ	FS-66/10-MJ	66	10	800	2100	380	145	13

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

33kV Cross Arm Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FS-33/10	FS-33/10	33	10	560	1080	220	128	6.5
ARC-FS-33/12	FS-33/12	33	12	568	1080	300	148	8

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

10kV Cross Arm Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FS-10/2.5-MJ-480	FS-10/2.5-MJ-480	10	2.5	480	400	150	60	1.9
ARC-FS-10/5-MJ-408	FS-10/5-MJ-408	10	5	408	360	150	60	2.9
ARC-FS-10/5-MJ-438	FS-10/5-MJ-438	10	5	438	490	150	60	3.5

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

35kV Pin Type Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FP-35(33)/(8,10/12)	FP-35(33)/(8,10/12)	35(33)	8,10/12	560	1440	230	95	6.1
ARC-FP-35(33)/(10/12.5)	FP-35(33)/(10/12.5)	35(33)	10/12.5	665	1800	230	95	6.4

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

20kV Pin Type Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FP-20/8	FP-20/8	20	11	327	490	125	50	3
ARC-FP-20/12	FP-20/12	20	12	430	850	150	60	3.5

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

10kV (1kV) Pin Type Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FP-1/3-A	FP-1/3-A	1	3	155	180	45	18	1.2
ARC-FP-10/3-B	FP-10/3-B	10	3	183	300	95	42	1.3
ARC-FP-10/3-C	FP-10/3-C	10	3	210	350	95	42	1.4
ARC-FP-10/3-D	FP-10/3-D	10	3	230	400	100	50	1.5
ARC-FP-10/3-E	FP-10/3-E	10	3	260	460	110	60	1.6

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

12kV Pin Type Lightning Protection Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-RPEG-12/5	RPEG-12/5	12	5	265	400	100	75	1

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

220kV Wind Deflection Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FYTX-220/100-0.8-NT	FYTX-220/100-0.8-NT	220	100	2326	6300	800	1000	25
ARC-FYTX-220/100-0.8-PT	FYTX-220/100-0.8-PT	220	100	2345	6300	800	1000	25
ARC-FYTX-220/100-0.8-SD	FYTX-220/100-0.8-SD	220	100	2363	6300	800	1000	25
ARC-FYTX-220/100-0.8-SQ	FYTX-220/100-0.8-SQ	220	100	2380	6300	800	1000	25

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

110kV Wind Deflection Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FYTX-110/100-0.4-NT	FYTX-110/100-0.4-NT	110	100	1386	3080	550	230	10
ARC-FYTX-110/100-0.4-DT	FYTX-110/100-0.4-DT	110	100	1345	3080	550	230	10
ARC-FYTX-110/100-0.4-SD	FYTX-110/100-0.4-SD	110	100	1413	3080	550	230	10
ARC-FYTX-110/100-0.4-SQ	FYTX-110/100-0.4-SQ	110	100	1400	3080	550	230	10

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

66kV Wind Deflection Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FYTX-66/70-0.4-NT	FYTX-66/70-0.4-NT	66	70	940	1900	410	185	8.7

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

35kV Wind Deflection Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FYTX-35/70-0.4-N T	FYTX-35/70-0.4-NT	35	70	700	1400	200	230	6.7
ARC-FYTX-35/70-0.4-D T	FYTX-35/70-0.4-DT	35	70	710	1400	200	230	6.7

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

220kV (252kV) Post Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FZSW-220(252)/4	FZSW-220(252)/4	220/252	4	2290	6300	1050	460	48

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

110kV (126kV, 132kV) Post Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FZSW-110(126)/132-A	FZSW-110(126)/132-A	110/126/132	8/10/12	1500	4500	650	275	33.4
ARC-FZSW-110(126)/132-B	FZSW-110(126)/132-B	110/126/132	8/10	1220	3200	550	230	25

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

66kV (72.5kV) Post Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FZSW-66(72.5)/10	FZSW-66(72.5)/10	66/72.5	10	760	2250	325	140	18.4

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

33kV (36kV, 40.5kV) Post Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FZSW-36(40.5)/6	FZSW-36(40.5)/6	36/40.5	6	535	1440	250	95	5.2
ARC-FZSW-33/6	FZSW-33/6	33	6	385	1020	176	74	2.9

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

20kV (22kV, 24kV) Post Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FZSW-22(24)/6	FZSW-22(24)/6	22/24	6	305	855	125	50	2.5
ARC-FZSW-20/8	FZSW-20/8	20	8	300	650	125	50	3

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

10kV (11kV, 12kV) Post Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FZSW-10(11/12)/6	FZSW-10(11/12)/6	10/11/12	6	215	380	95	38	1.9
ARC-FZSW-10(11/12)/8	FZSW-10(11/12)/8	10/11/12	8	215	380	95	38	2.2

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

110kV (126kV) Composite Hollow Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FK-110(126)/(8/12.5)	FK-110(126)/(8/12.5)	110/126	8/12.5	1070	4370	560	245	50

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

36kV, 66kV Composite Hollow Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FK-36(1/3/5)	FK-36(1/3/5)	36	1/3/5	210	720	110	46	2.8
ARC-FK-66/10	FK-66/10	66	10	984	2900	325	140	18

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

12kV, 24kV Composite Hollow Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FK-12(1/3/5)	FK-12(1/3/5)	12	1/3/5	106	240	72	24	1.6
ARC-FK-24(1/3/5)	FK-24(1/3/5)	24	1/3/5	147	480	81	34	2.2

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Tension Long Rod Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-TLR-POLY	TLR-POLY	-	-	-	-	-	-	-
ARC-TLR-EXTRUDED	TLR-EXTRUDED	-	-	-	-	-	-	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Composite Insulators for Electrified Railway Connecting Net Plane

Single Insulation Bar Composite Suspension Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FQX-25/(100/120)	FQX-25/(100/120)	25	100/120	750	1200	270	130	-
ARC-FQX-25/(160/200)	FQX-25/(160/200)	25	160/200	750	1300	270	130	-
ARC-FQXJ-25/(100/120)	FQXJ-25/(100/120)	25	100/120	750	1400	290	140	-
ARC-FQXJ-25/(160/200)	FQXJ-25/(160/200)	25	160/200	800	1400	290	140	-
ARC-FQXG-25/(100/120)	FQXG-25/(100/120)	25	100/120	800	1600	310	150	-
ARC-FQXG-25/(160/200)	FQXG-25/(160/200)	25	160/200	850	1600	310	150	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Double Insulation Bar Composite Suspension Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FQXS-25/(100/120)	FQXS-25/(100/120)	25	100/120	790	1200/145	270	130	-
ARC-FQXS-25/(160/200)	FQXS-25/(160/200)	25	160/200	840	1200/145	270	130	-
ARC-FQXSJ-25/(100/120)	FQXSJ-25/(100/120)	25	100/120	840	1400/145	290	140	-
ARC-FQXSJ-25/(160/200)	FQXSJ-25/(160/200)	25	160/200	890	1400/145	290	140	-
ARC-FQXSG-25/(100/120)	FQXSG-25/(100/120)	25	100/120	890	1600/145	310	150	-
ARC-FQXSG-25/(160/200)	FQXSG-25/(160/200)	25	160/200	940	1600/145	310	150	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Single Insulation Bracket Support Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FQB-25/(8/12)	FQB-25/(8/12)	25	8/12	760	1200	270	130	-
ARC-FQB-25/(16/20)	FQB-25/(16/20)	25	16/20	800	1200	270	130	-
ARC-FQBJ-25/(8/12)	FQBJ-25/(8/12)	25	8/12	760	1400	290	140	-
ARC-FQBJ-25/(16/20)	FQBJ-25/(16/20)	25	16/20	800	1400	290	140	-
ARC-FQBG-25/(8/12)	FQBG-25/(8/12)	25	8/12	800	1600	310	150	-
ARC-FQBG-25/(16/20)	FQBG-25/(16/20)	25	16/20	800	1600	310	150	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Double Insulation Bracket Support Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FQBS-25/(8/12)	FQBS-25/(8/12)	25	8/12	850	1200/145	270	130	-
ARC-FQBS-25/(16/26)	FQBS-25/(16/26)	25	16/26	890	1200/145	270	130	-
ARC-FQBSJ-25/(8/12)	FQBSJ-25/(8/12)	25	8/12	850	1400/145	290	140	-
ARC-FQBSJ-25/(16/20)	FQBSJ-25/(16/20)	25	16/20	890	1400/145	290	140	-
ARC-FQBSG-25/(8/12)	FQBSG-25/(8/12)	25	8/12	890	1600/145	310	150	-
ARC-FQBSG-25/(16/20)	FQBSG-25/(16/20)	25	16/20	890	1600/145	310	150	-
ARC-FQBNSH-25/(16/20)	FQBNSH-25/(16/20)	25	16/20	800	1600/145	310	150	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Cross Arm Composite Insulator (Railway)

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FS-25/12	FS-25/12	25	12	670	1450	270	130	-
ARC-FS-25/16	FS-25/16	25	16	680	1500	270	130	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Composite Post Insulator (Railway)

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FZ-27.5/8	FZ-27.5/8	25	8	630	1600	270	130	-
ARC-FZ-27.5/10	FZ-27.5/10	25	10	630	1600	270	130	-
ARC-FZ-27.5/16	FZ-27.5/16	25	16	630	1600	270	130	-
ARC-FZ-27.5/18	FZ-27.5/18	25	18	640	1600	270	130	-
ARC-FZ-27.5/20	FZ-27.5/20	25	20	670	1400	290	140	-
ARC-JV90467-27.5/8-610Z	JV90467-27.5/8-610Z	25	8	610	1650	310	150	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Arch Bracket Support Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FQD-25/12	FQD-25/12	25	12	835	1450	270	130	-
ARC-FQD-25/16	FQD-25/16	25	16	835	1450	270	130	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

AF Wire Hanging Long Rod Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FQX-25/120-584	FQX-25/120-584	25	120	584	1600	270	150	-
ARC-FQX-25/120-600	FQX-25/120-600	25	120	600	1600	270	130	-
ARC-FQX-25/120-630	FQX-25/120-630	25	120	630	1600	270	130	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Overall Bracket Support Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FQBG-25/8	FQBG-25/8	25	8	670	1600	270	130	-
ARC-FQBG-25/12	FQBG-25/12	25	12	670	1600	270	130	-
ARC-FQBG-25/16	FQBG-25/16	25	16	670	1600	270	130	-
ARC-FQBSG-25/8	FQBSG-25/8	25	8	780	1600/145	270	130	-
ARC-FQBSG-25/12	FQBSG-25/12	25	12	780	1600/145	270	130	-
ARC-FQBSG-25/16	FQBSG-25/16	25	16	780	1600/145	270	130	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Low Headroom Tunnel Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FQX-25/70	FQX-25/70	25	70	450	1200	160	76	-
ARC-FQX-25/100	FQX-25/100	25	100	530	1600	270	130	-
ARC-FQX-25/70-B	FQX-25/70-B	25	70	584	1600	220	100	-
ARC-FQXS-25/70	FQXS-25/70	25	70	584	1400/145	220	100	-
ARC-FQXS-25/120	FQXS-25/120	25	120	600	1600	270	130	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Disc Suspension Hard Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-CS120S16BB16-100/450	CS120S16BB16-100/450	-	120	146	450	100	80	-
ARC-CS160S20BB20-100/450	CS160S20BB20-100/450	-	160	170	450	100	80	-
ARC-FXWP-70	FXWP-70	-	70	146	400	100	60	-
ARC-FXWP-120	FXWP-120	-	120	155	400	100	60	-
ARC-FXWP-160	FXWP-160	-	160	155	400	100	60	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Bus Post Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FS400A-25/12	FS400A-25/12	25	12	400	1200	195	120	-
ARC-FS460B-29/12.5	FS460B-29/12.5	29	12.5	460	1350	220	130	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Composite Insulators for Urban Railway Overhead Contact

JA,JB Type Long Rod Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FQB-1.5/15-JA	FQB-1.5/15-JA	1.5	70/15	305	180	110	30	-
ARC-FQB-1.5/15-JB	FQB-1.5/15-JB	1.5	70/15	305	180	110	30	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Anchor Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FQB-1.5/96	FQB-1.5/96	1.5	96	285	180	110	30	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Rigidity Suspension Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FZS-1.5/9	FZS-1.5/9	1.5	50/13	110	250	125	30	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Rigidity Suspension Midpoint Anchor Long Rod Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FWXB-1.5/70-350	FWXB-1.5/70-350	1.5	70	350	250	125	30	-
ARC-FWXB-1.5/70-500	FWXB-1.5/70-500	1.5	70	318	250	125	30	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Overall Bracket Support Composite Insulator (Urban)

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FQB-1.5/15	FQB-1.5/15	1.5	80/15	210	330	125	30	-
ARC-FQD-1.5/70	FQD-1.5/70	1.5	70	300	300	125	30	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Insulation Brace Composite Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FJYHC-1.5/4.5-1000	FJYHC-1.5/4.5-1000	1.5	70/4.5	1000	250	125	30	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Composite Suspension Insulator (Urban)

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FXB-1.5/40-D28	FXB-1.5/40-D28	1.5	40	290	250	125	30	-
ARC-FXB-1.5/40-D34	FXB-1.5/40-D34	1.5	40	290	250	125	30	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Composite Stay Insulator

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-FXBW-0.75/30	FXBW-0.75/30	0.75	30	1000	250	125	30	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Three Rail Bracket Composite Insulator for Urban Rail Transit Catenary

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-M41758-02-D-CN-n	M41758-02-D-CN-n	1.5	12	150	250	125	30	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.

Composite Insulation Rod (Silicon Rubber or PTFE)

Arcova Part No.	OEM Part No.	Voltage (kV)	Mech. Load (kN)	Section Len. (mm)	Creepage (mm)	Lightning Impulse (kV)	Power Freq. Withstand (kV)	Weight (kg)
ARC-HJ-1.5M	HJ-1.5M	1.5	120	670	405	125	30	-
ARC-HJ-1.5C	HJ-1.5C	1.5	120	760	350	125	30	-

Note: Product dimensions, characteristics, connecting type, shed color, etc. can be designed and manufactured per customer requirements.



ARCOVA ENERGY SOLUTIONS

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