



SPECIFICATION SHEET

Adore® Adoretek® JOWX®

Patented Technology:
Insulation Displacement & Multi Connection (“IMDC”)

Products Available

MODEL	Wire Size	
	International Standard	AWG
I-1	0.3~0.5 mm ²	23~20
I-2	0.75 mm ²	19~18
I-3	1.5 mm ²	16~14
I-4	2.5 mm ²	13~12
I-5	4.0 mm ²	11~10
T-1	0.3~0.5 mm ²	23~20
T-2	0.75 mm ²	19~18
T-3	1.5 mm ²	16~14
T-4	2.5 mm ²	13~12
T-5	4.0 mm ²	11~10
T-21	0.75 ~ (0.3~0.5) mm ²	(19~18) ~ (23~20)
DI-1A (DI-1 old)	0.3~0.5 mm ²	23~20
DI-2	0.75 mm ²	19~18
DI-21	0.75 ~ (0.3~0.5) mm ²	(19~18) ~ (23~20)

I - Type Connector Detailed Specifications



Product Type	I-1	I-2	I-3	I-4	I-5
Cross section mm ² (AWG)	0.3~0.5 (23~20)	0.75 (19~18)	1.5 (16~14)	2.5 (13~12)	4.0 (11~10)
Connection Method	IDMA Technology				
Wire Types	Solid or Strand; Solid to Solid; Solid to Stranded				
Waterproof Status(IP)	Water Resistant only with Water Proof Housing Products				
Measured Voltage EN (V)	100-400				
Measured Shock Volt. (kv)	1.8	6	9	12	18
Connected Loss (Ohm)	None	0.0010	0.0001	0.0018	1.5700
Maximum Current EN (A)	3	10	15	20	25
Tensile strength (NT)	45	55	85	120	140
Weight (g)	0.8	1.0	2.1	2.5	4.4
Color	White	Dark gray	Yellow	Green	Orange
Height (a : mm)	6	6.9	7.5	7.8	10.8
Width (b : mm)	5.7	6.3	7.2	7.7	10.5
length (c : mm)	2.5	30	30	36	40
Connection points	4	4	6	6	6
Metal thickness	0.3	0.4	0.5	0.5	0.5
Injection Molding	PC abs				
Terminal Property	Brass½h				
Temperature Limit (°C)	-40 ~ 80				
RoHS	compliant				
Certifications	ETL, CE, PSE, SAA, IECEE EAC				

T-TYPE Connector Detailed Specifications



Product Type	T-1	T-2	T-3	T-4	T-5	T-21
Cross Section mm ² (AWG)	0.3~0.5 (23~20)	0.75 (19~18)	1.5 (16~14)	2.5 (13~12)	4.0 (11~10)	0.75 ~ [0.3~0.5] 19~18/ (23~20)
Connection Method	IDMC Technology					
Wire Types	Solid or Strand; Solid to Solid; Solid to Stranded					
Waterproof Status(IP)	Water Resistant only with Water Proof Housing Products					
Measured Voltage EN(V)	100-400					
Measured Shock Volt (kv)	1.8	6	9	12	18	1.8
Connected Loss (Ohm)	None	0.0033	0.0009	0.0009	2.3200	0.0033
Maximum Current EN (A)	3	10	15	20	25	3
Tensile Strength (NT)	40	65	75	120	160	40
Weight (g)	0.8	1.0	2.1	2.5	4.4	1.0
Color	White	Dark gray	Yellow	Green	Orange	Gray
Height (a : mm)	6	6.9	7.5	7.8	10.8	6.3
Width (b : mm)	5.7	6.3	7.2	7.7	10.5	5.4
Width (b: mm)	14	16.1	15.7	18	20	11.5
length (c : mm)	25.6	30.28	30.9	37	41.75	22.8
Connection Points	4	4	6	6	6	4
Metal Thickness	0.3	0.4	0.5	0.5	0.5	0.3
Injection Molding	PC abs					
Terminal Property	Brass½h					
Temperature Limit (°C)	-40 ~ 80					
RoHS	Compliant					
Certifications	ETL, CE, PSE, SAA, IECEE EAC					

DI-Type Connector Detailed Specifications



Product types	DI-1A (DI-1)	DI-2	DI-21
Cross Section mm ² (awg)	0.3~0.5 (23~20)	0.75 (19~18)	0.75 ~ [0.3~0.5] 19~18/(23~20)
Connection Method	IDMC Technology		
Wire Types	Solid or Strand; Solid to Solid; Solid to Stranded		
Waterproof Status(IP)	Water Resistant only with Water Proof Housing Products		
Measured Voltage EN (V)	100-400		
Measured Shock Volt (kv)	1.8	6	1.8
Connected Loss (Ohm)	None	0.0010	0.0033
Maximum Current EN (A)	3	10	3
Tensile Strength (NT)	45	55	45
Weight (g)	1.5	3.5	2.5
Color	White	Dark gray	Gray
Height (a : mm)	5.1	6.1	6.2
Width (b : mm)	8.9	10.5	10.3
length (c : mm)	18	22.8	19.7
Connection Points	4	4	4
Metal Thickness	0.3	0.4	0.3
Injection Molding	PC abs		
Terminal Property	Brass½h		
Temperature Limit (°C)	-40 ~ 80		
RoHS	Compliant		
Certifications	ETL, CE, PSE, SAA, IECEE EAC		