

Select a Model to obtain a Part Number – IDS-509FPP

Std = Standard Temperature models: -10° C to 60° C (14° F to 140° F).

Ind = Industrial Extended Temperature Models: -40° C to 75° C (-40 F to 167° F)

Model	Temp	Total 10/100/1000 Base-T RJ45	PoE+ Ports	Duplex Fiber								
				Fiber Connectors	Transmit (dBm)		Receive (dBm)		Power Budget (dB)	Wavelength (nm)	Fiber Type	Operating Distance
					Min	Max	Min	Max				
IDS-509F2PP6-C2MD2	Std	7	6	2 x Duplex SC	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
IDS-509F2PP6-C2MD2-XT	Ind	7	6	2 x Duplex SC	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
IDS-509F2PP6-T2MD2	Std	7	6	2 x Duplex ST	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
IDS-509F2PP6-T2MD2-XT	Ind	7	6	2 x Duplex ST	-20.0	-12.0	-30.0	-14.0	10.0*	1310	MMF	5 km* (1.2 mi)
IDS-509F2PP6-C2SD20	Std	7	6	2 x Duplex SC	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
IDS-509F2PP6-C2SD20-XT	Ind	7	6	2 x Duplex SC	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
IDS-509F2PP6-T2SD20	Std	7	6	2 x Duplex ST	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
IDS-509F2PP6-T2SD20-XT	Ind	7	6	2 x Duplex ST	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
IDS-509F2PP6-C2SD40	Std	7	6	2 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F2PP6-C2SD40-XT	Ind	7	6	2 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F2PP6-T2SD40	Std	7	6	2 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F2PP6-T2SD40-XT	Ind	7	6	2 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-C2MD2-SD20	Std	6	6	2 x Duplex SC	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				1 x Duplex SC	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
IDS-509F3PP6-C2MD2-SD20-XT	Ind	6	6	2 x Duplex SC	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				1 x Duplex SC	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
IDS-509F3PP6-T2MD2-SD20	Std	6	6	2 x Duplex ST	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)

				1 x Duplex ST	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
IDS-509F3PP6-T2MD2-SD20-XT	Ind	6	6	2 x Duplex ST	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				1 x Duplex ST	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
IDS-509F3PP6-C2MD2-SD40	Std	6	6	2 x Duplex SC	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
IDS-509F3PP6-C2MD2-SD40-XT	Ind	6	6	2 x Duplex SC	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				1 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-T2MD2-SD40	Std	6	6	2 x Duplex ST	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				1 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-T2MD2-SD40-XT	Ind	6	6	2 x Duplex ST	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				1 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-C2MD2-SD80	Std	6	6	2 x Duplex SC	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				1 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1550	SMF	80 km (50 mi)
IDS-509F3PP6-T2MD2-SD80	Std	6	6	2 x Duplex ST	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				1 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1550	SMF	80 km (50 mi)
IDS-509F3PP6-C2MD2-SD120	Std	6	6	2 x Duplex SC	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				1 x Duplex SC	0.0	5.0	-35.0	-3.0	35.0	1550	SMF	120 km (75 mi)
IDS-509F3PP6-T2MD2-SD120	Std	6	6	2 x Duplex ST	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				1 x Duplex ST	0.0	5.0	-35.0	-3.0	35.0	1550	SMF	120 km (75 mi)
IDS-509F3PP6-C2SD20-MD2	Std	6	6	1 x Duplex SC	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				2 x Duplex SC	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
IDS-509F3PP6-T2SD20-MD2	Std	6	6	1 x Duplex ST	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)

				2 x Duplex ST	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
IDS-509F3PP6-C2SD20-SD40	Std	6	6	2 x Duplex SC	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
				1 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-C2SD20-SD40-XT	Ind	6	6	2 x Duplex SC	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
				1 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-T2SD20-SD40	Std	6	6	2 x Duplex ST	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
				1 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-T2SD20-SD40-XT	Ind	6	6	2 x Duplex ST	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
				1 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-C2SD20-SD80	Std	6	6	2 x Duplex SC	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
				1 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1550	SMF	80 km (50 mi)
IDS-509F3PP6-T2SD20-SD80	Std	6	6	2 x Duplex ST	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
				1 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1550	SMF	80 km (50 mi)
IDS-509F3PP6-C2SD20-SD120	Std	6	6	2 x Duplex SC	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
				1 x Duplex SC	0.0	5.0	-35.0	-3.0	35.0	1550	SMF	120 km (75 mi)
IDS-509F3PP6-T2SD20-SD120	Std	6	6	2 x Duplex ST	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
				1 x Duplex ST	0.0	5.0	-35.0	-3.0	35.0	1550	SMF	120 km (75 mi)
IDS-509F3PP6-C2SD40-MD2	Std	6	6	1 x Duplex SC	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				2 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-C2SD40-MD2-XT	Ind	6	6	1 x Duplex SC	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				2 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)

IDS-509F3PP6-T2SD40-MD2	Std	6	6	1 x Duplex ST	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				2 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-T2SD40-MD2-XT	Ind	6	6	1 x Duplex ST	-20.0	-12.0	-31.0	-14.0	11.0*	1310	MMF	5 km* (1.2 mi)
				2 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-C2SD40-SD20	Std	6	6	1 x Duplex SC	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
				2 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-C2SD40-SD20-XT	Ind	6	6	1 x Duplex SC	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
				2 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-T2SD40-SD20	Std	6	6	1 x Duplex ST	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
				2 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-T2SD40-SD20-XT	Ind	6	6	1 x Duplex ST	-18.0	-7.0	-32.0	-3.0	14.0	1310	SMF	20 km (12.4 mi)
				2 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-C2SD40-SD80	Std	6	6	1 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1550	SMF	80 km (50 mi)
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				2 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-C2SD40-SD120	Std	6	6	1 x Duplex SC	0.0	5.0	-35.0	-3.0	35.0	1550	SMF	120 km (75 mi)
				2 x Duplex SC	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)
IDS-509F3PP6-T2SD40-SD120	Std	6	6	1 x Duplex ST	0.0	5.0	-35.0	-3.0	35.0	1550	SMF	120 km (75 mi)
				2 x Duplex ST	-5.0	0.0	-34.0	-3.0	29.0	1310	SMF	40 km (25 mi)

* 1db/km multimode 50/125 micron fiber cable