

The **2081 4-Pair GigaSPEED Cable** features an innovative fluted design to guide the pairs inside the jacket and provide unrivaled transmission performance.

The precision manufacturing process and design of the **2081 4-Pair GigaSPEED Cable** maximises performance and significantly reduces signal emissions and susceptibility to external noise.

The **2081 Cable** provides significant margin (10 dB) above the minimum Category 6 Near End Crosstalk (NEXT) and Power Sum NEXT requirements of TIA/EIA (Draft 7) and ISO/IEC 11801 2nd Edition (1st Committee Draft).

2081 Cables are composed of 0.511mm (24AWG) solid copper conductors insulated with Fluorinated-Ethylene-Propylene (FEP) and jacketed with Low Smoke PVC. **2081** are UL Listed CMP.

Physical Specifications

Gauge: 24 AWG

Outside Diameter: 6.1 mm

Weight: 14.38 Kg

Frequency (MHz)	Attenuation	NEXT	PS NEXT	ELFEXT	PSELFEXT	Return Loss
0.772	1.6	86.0	84.0	70.0	67.0	-
1	1.8	84.3	82.3	67.8	64.8	20
4	3.6	75.3	73.3	55.7	52.7	23
8	5.1	71.8	68.8	49.7	46.7	24.5
10	5.8	69.3	67.3	47.8	44.8	25
16	7.3	66.3	64.3	43.7	40.7	25
20	8.2	64.8	62.8	41.7	38.7	25
25	9.2	63.3	61.3	39.8	36.8	24
31.25	10.4	61.9	59.9	37.9	34.9	24
62.5	15.0	57.4	55.4	31.8	28.8	22
100	19.3	54.3	52.3	27.8	24.8	20
200	28.3	49.8	47.8	21.7	18.7	18
250	32.1	48.3	46.3	19.8	16.8	17
300	35.6	47.2	45.2	18.2	15.2	17
350	38.9	46.2	44.2	16.9	13.9	16
400	42.0	45.3	43.3	15.7	12.7	16
450	45.0	44.5	42.5	14.7	11.7	16
500	47.9	43.8	41.8	13.8	10.8	15
550	50.6	43.2	41.2	12.9	9.9	15