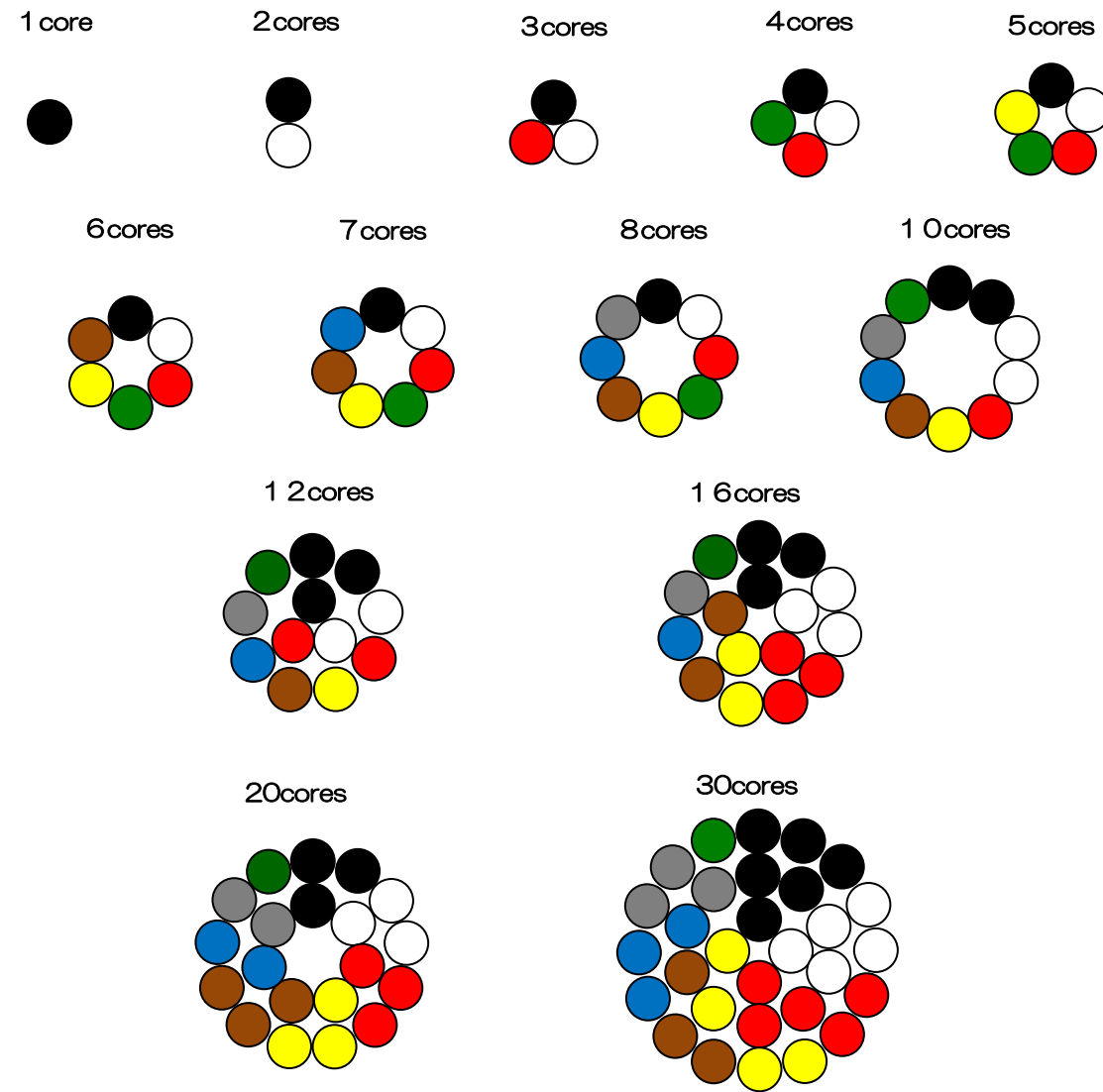


● Core color



● Marking

(例) BF-2PNCT 4×5.5mm²



Location



URL: <http://www.kk-mitsuboshi.co.jp/>

If you have any questions or requests, please contact us.

Osaka Branch	TEL 06-6261-8884(代) FAX 06-6261-5550
Tokyo Branch	TEL 03-6897-8660(代) FAX 03-6897-8665
Kyushu Sales Office	TEL 092-526-2615(代) FAX 092-526-2781
Nagoya Sales Office	TEL 052-760-4636(代) FAX 052-760-4637
Shiga Factory	TEL 0748-86-6104(代) FAX 0748-86-2103



STAR MIC CABLE SERIES / BF-TYPE

BF-2PNCT 600V

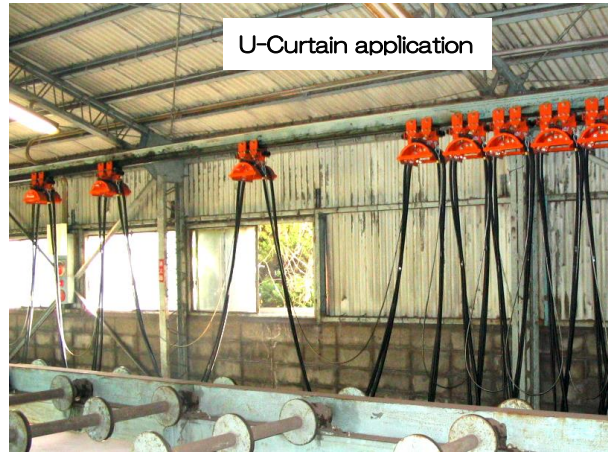
Application
Carrier method, Cable bear (caterpillar) method, U-curtain method



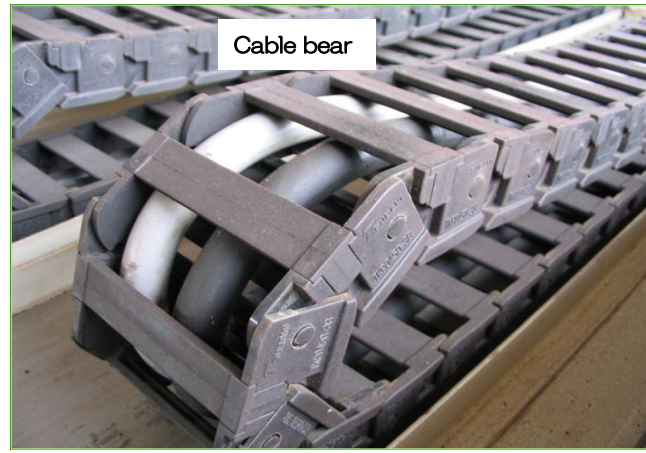
BF-TYPE

With the interposition type twisting method, the twisting pitch is thin. Bending resistance has been improved compared to general-purpose products, and the overall weight of the product has been reduced.

☆ BF-2PNCT Characteristics



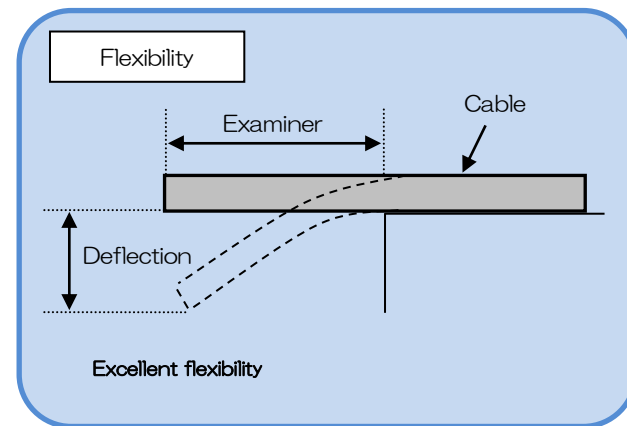
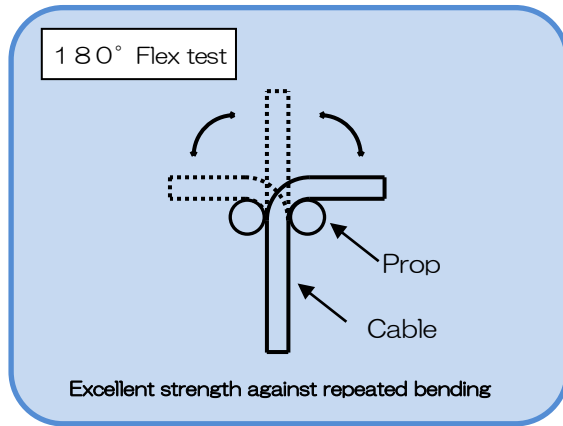
U-Curtain application



Cable bear

Excellent bending-resistance

Excellent flexibility



● Bending test comparison table

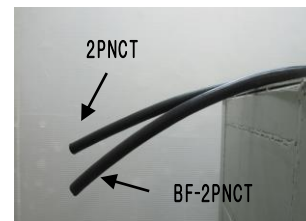
	Number of bends		
	10,000	20,000	30,000
2PNCT	17%	37%	63%
BF-2PNCT	4%	19%	42%

Test size : 4×5, 5mm²

● Flexibility test comparison table

	Test length	
	300mm	400mm
2PNCT	55mm	130mm
BF-2PNCT	60mm	180mm

Test size : 4×5, 5mm²



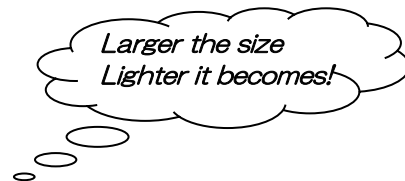
Length: 400mm

Lighter than before

BF-2PNCT Since it has a lightweight structure, it reduces the work load when tending the cable

● Weight reduce comparison

2PNCT → BF-2PNCT	
Comparison size	Weight reduce
3×2mm ²	2.7%
3×14mm ²	4.7%
3×38mm ²	6.2%
3×60mm ²	6.9%



☆ BF-2PNCT Construction

● Dimension table

Size mm ²	Conductor		Core		Finish Out Diameter mm												
	Construction Number of strands/diameter	Out Diam mm	Insulation thickness mm	Out Diam mm	Single Core	2 cores	3 cores	4 cores	5 cores	6 cores	7 cores	8 cores	10 cores	12 cores	16 cores	20 cores	30 cores
0.75	30/0.18	1.1	0.8	2.8	5.8	9.3	9.7	10.7	11.5	12.5	13.4	14.4	16.4	16.1	17.9	19.8	23.3
1.25	50/0.18	1.5	0.8	3.2	6.2	10.1	10.8	11.6	12.7	13.9	14.9	16.1	18.3	18.0	19.9	22.3	26.2
2	37/0.26	1.8	0.8	3.5	6.5	10.9	11.4	12.5	13.8	14.8	16.1	17.3	19.7	19.4	21.6	24.1	28.3
3.5	45/0.32	2.5	0.8	4.2	7.4	12.5	13.2	14.4	15.8	17.3	18.6	20.1	23.1	22.8	25.2	28.2	33.4
5.5	70/0.32	3.1	1.0	5.2	8.4	14.7	15.7	17.3	18.9	20.7	22.5	24.3	27.9	27.5	30.5	34.3	-
8	50/0.45	3.7	1.0	5.8	9.2	16.1	17.2	18.9	20.8	22.7	24.7	26.6	30.9	30.2	-	-	-
14	88/0.45	4.9	1.0	7.0	10.6	18.9	20.0	22.0	24.4	26.7	-	-	-	-	-	-	-
22	7/20/0.45	7.0	1.2	9.6	13.4	24.7	26.4	29.3	32.2	35.5	-	-	-	-	-	-	-
30	7/27/0.45	8.1	1.2	10.7	14.7	27.1	29.2	32.1	35.6	39.4	-	-	-	-	-	-	-
38	7/34/0.45	9.1	1.2	11.7	15.9	29.5	31.5	34.9	38.7	42.8	-	-	-	-	-	-	-
50	19/16/0.45	10.4	1.5	13.6	18.0	33.7	36.2	40.1	-	-	-	-	-	-	-	-	-
60	19/20/0.45	11.6	1.5	14.8	19.4	36.5	39.0	43.4	-	-	-	-	-	-	-	-	-
80	19/27/0.45	13.5	2.0	17.7	22.7	43.1	46.2	51.4	-	-	-	-	-	-	-	-	-
100	19/34/0.45	15.2	2.0	19.4	24.6	46.9	50.3	55.9	-	-	-	-	-	-	-	-	-

● Weight table

Size mm ²	Weight kg/km												
	Single core	2 cores	3 cores	4 cores	5 cores	6 cores	7 cores	8 cores	10 cores	12 cores	16 cores	20 cores	30 cores
0.75	45	100	120	145	175	205	235	270	330	335	425	520	730
1.25	55	120	150	180	220	265	300	345	435	450	570	695	980
2	65	150	180	230	275	320	370	430	540	565	720	895	1,265
3.5	90	205	260	325	400	475	545	625	800	845	1,085	1,350	1,930
5.5	125	300	375	470	585	695	810	930	1,190	1,260	1,620	2,035	-
8	155	370	475	600	740	880	1,030	1,180	1,530	1,615	-	-	-
14	230	545	715	910	1,120	1,340	-	-	-	-	-	-	-
22	370	900	1,185	1,530	1,870	2,255	-	-	-	-	-	-	-
30	470	1,125	1,525	1,935	2,390	2,905	-	-	-	-	-	-	-
38	565	1,365	1,820	2,350	2,910	3,510	-	-	-	-	-	-	-
50	710	1,710	2,315	2,995	-	-	-	-	-	-	-	-	-
60	855	2,050	2,780	3,590	-	-	-	-	-	-	-	-	-
80	1,160	2,815	3,795	4,960	-	-	-	-	-	-	-	-	-
100	1,410	3,420	4,635	6,030	-	-	-	-	-	-	-	-	-

● Construction

4 core

