

Effective Voice-Frequency Crosstalk Coupling in Dbx  
NEAR-END BARE-LINE COUPLING BETWEEN QUADS  
SHORT-PAIR-TWIST QUADDED CABLES  
SPliced AS A SINGLE GROUP

Size of Cable (Quads)	LOADING									
	B22* or HL4-25			H88-50			B88-50			
	FF	FP	PP	FF	FP	PP	FF	FP	PP	
19 Gauge	7	12	9	5	16	13	9	20	17	13
	12	8	5	1	12	9	5	16	13	9
	16	7	4	0	11	8	4	15	12	8
	19	6	3	-1	10	7	3	14	11	7
	24	5	2	-2	9	6	2	13	10	6
	27	4	1	-3	8	5	1	12	9	5
	32	4	1	-3	8	5	1	12	9	5
	37	3	0	-4	7	4	0	11	8	4
	44	2	-1	-5	6	3	-1	10	7	3
	48	2	-1	-5	6	3	-1	10	7	3
	52	1	-2	-6	5	2	-2	9	6	2
	61	1	-2	-6	5	2	-2	9	6	2
	70	0	-3	-7	4	1	-3	8	5	1
	84	-1	-4	-8	3	0	-4	7	4	0
	108	-2	-5	-9	2	-1	-5	6	3	-1
	127	-3	-6	-10	1	-2	-6	5	2	-2
	154	-4	-7	-11	0	-3	-7	4	1	-3
	16 Gauge	7	15	12	8	19	16	12	23	20
12		11	8	4	15	12	8	19	16	12
16		10	7	3	14	11	7	18	15	11
19		9	6	2	13	10	6	17	14	10
24		8	5	1	12	9	5	16	13	9
27		7	4	0	11	8	4	15	12	8
32		7	4	0	11	8	4	15	12	8
37		6	3	-1	10	7	3	14	11	7
44		5	2	-2	9	6	2	13	10	6
48		5	2	-2	9	6	2	13	10	6
52		4	1	-3	8	5	1	12	9	5
61		4	1	-3	8	5	1	12	9	5

- Notes: 1. FF - Phantom-to-phantom; EP - Phantom-to-pair; PP - Pair-to-pair.  
2. Couplings shown are for repeater-section lengths.  
3. Couplings for specific cables may differ one or two db from the values shown, and are particularly likely to exceed those values when splicing lengths are materially greater than 1500 feet.

\* Pair-to-pair only.