

TYPICAL PAIR-TO-PAIR EQUAL LEVEL FAR END CROSSTALK COUPLING LOSSES
AT 165 KC - EXCHANGE CABLES

STAGGERED TWIST CABLES						
	DB IN ONE MILE					
	RMS			1% MINIMUM		
Rates of Twist	2	4	9	2	4	9
16 ga. 152 Pairs	71			61		
19 ga. CNB - Layer 455 Pair						
Pairs 1-101	-	66	-	-	54	-
102-202	70	70	-	58	58	-
203-303	66	71	-	54	60	-
304-404	66	68	-	54	56	-
405-455	-	60	-	-	48	-
<u>Layer to Layer</u>						
102-202 to 203-303	81	-	-	70	-	-
203-303 to 304-404	83	-	-	72	-	-
102-202 to 304-404	83	-	-	72	-	-
19 ga. CNB Unit Type						
Within 25 or 26 Pair Unit	-	-	68			
Between Units	-	-	77			
19 ga. DNB - Layer - 303 Pair						
Pairs 102-151	-	68	-	-	56	-
152-202	-	68	-	-	56	-
203-252	-	68	-	-	56	-
253-303	-	65	-	-	54	-
<u>Layer to Layer</u>						
102-151 to 152-202	-	78	-	-	63	-
152-202 to 203-252	-	76	-	-	65	-
203-252 to 253-303	-	78	-	-	67	-
19 ga. DNB 51 Pair Alpeth						
Inner Layers	-	-	63	-	-	51
Outer Layers	-	-	64	-	-	52
Inner to Outer Layers	-	-	79	-	-	71
34 Pairs of 51 Pair Cable	-	-	64	-	-	-
19 ga. DNB 76 Pair Alpeth						
Inner Layers	-	-	66	-	-	55
Outer Layers	-	-	60	-	-	50
Inner to Outer Layers	-	-	77	-	-	68
34 Pairs of 76 Pair Cable	-	-	67	-	-	-

Crosstalk Couplings
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AT 165 KC - EXCHANGE CABLES

STAGGERED TWIST CABLES						
	DB IN ONE MILE					
	RMS			1% MINIMUM		
	2	4	9	2	4	9
19 ga. ENB 26 Pair						
Inner Layers	-	-	58	-	-	44
Outer Layers	-	-	60	-	-	50
Inner to Outer Layers	-	-	77	-	-	69
Whole Cable	-	-	63	-	-	-
19 ga. ENB 51 Pairs	-	-	66	-	-	54
22 ga. 101 Pairs	65	-	-	57	-	-
22 ga. 51 Pairs	-	60	-	-	54	-
NONSTAGGERED TWIST						
19 ga. Low Capacitance Noncolor Coded	59			50		
22 ga. 202 Pair	53			44		