



4G Application Guide

General Guidelines When Using MaxCell® in Various Situations

MaxCell 4" 3 Cell (Equivalent to three 1.5" I.D. innerducts)

This product was designed for use in 4" or larger ducts. Multiple combinations of large and medium cable sizes are applicable. Since larger cable applications are anticipated, the number of cables and packs that can be placed is reduced, therefore a smaller number of cables is available.

Min Conduit ID	Suggested Product	Max # of Packs	Max # of Cables	Maximum Cable Diameter per Cell	Rec. Pull Length*	Max Pull Length*
3"	MaxCell 4" 3 Cell	1	3	1.50"	1500'	2000'
4"	MaxCell 4" 3 Cell	2	6	1.50"	1500'	2500'
5"	MaxCell 4" 3 Cell	3	9	1.50"	1500'	2500'
6"	MaxCell 4" 3 Cell	4	12	1.50"	1500'	2500'

*Use of OFNR cable may result in reduced pulling lengths. Exceeding more than two 90 degree bends or a total of 180 degrees of bends between any two pulling points or installation into trenched duct may also result in reduced recommended pulling lengths.

MaxCell 3" 3 Cell (Equivalent to three 1.25" I.D. innerducts)

This product was designed for use in 3" or larger ducts. Multiple combinations of large, medium and smaller cable sizes are applicable and anticipated.

Min Conduit ID	Suggested Product	Max # of Packs	Max # of Cables	Maximum Cable Diameter per Cell	Rec. Pull Length*	Max Pull Length*
3"	MaxCell 3" 3 Cell	2	6	1.05"	1250'	2000'
4"	MaxCell 3" 3 Cell	3	9	1.05"	1500'	2500'
5"	MaxCell 3" 3 Cell	4	12	1.05"	1500'	2500'
6"	MaxCell 3" 3 Cell	5	15	1.05"	1500'	2500'

*Use of OFNR cable may result in reduced pulling lengths. Exceeding more than two 90 degree bends or a total of 180 degrees of bends between any two pulling points or installation into trenched duct may also result in reduced recommended pulling lengths.

MaxCell 2" 3 Cell (Equivalent to three 1.0" I.D. innerducts)

This product was designed for use in 2" or larger ducts where three cables are being placed.

Min Conduit ID	Suggested Product	Max # of Packs	Max # of Cables	Maximum Cable Diameter per Cell	Rec. Pull Length*	Max Pull Length*
2"	MaxCell 2" 3 Cell	1	3	.85"	800'	1500'

*Use of OFNR cable may result in reduced pulling lengths. Exceeding more than two 90 degree bends or a total of 180 degrees of bends between any two pulling points or installation into trenched duct may also result in reduced recommended pulling lengths.

More Space. More Productivity.

MaxCell 2" 2 Cell (Equivalent to two 1.0" I.D. innerducts)

This product was designed for use in 2" or larger ducts where two cables are being placed.

Min Conduit ID	Suggested Product	Max # of Packs	Max # of Cables	Maximum Cable Diameter per Cell	Rec. Pull Length*	Max Pull Length*
2"	MaxCell 2" 2 Cell	1	2	.85"	800'	1500'

*Use of OFNR cable may result in reduced pulling lengths. Exceeding more than two 90 degree bends or a total of 180 degrees of bends between any two pulling points or installation into trenched duct may also result in reduced recommended pulling lengths.

MaxCell 2" 1 Cell (Equivalent to one 1.0" I.D. innerducts)

This product was designed for use in 1.5" innerduct or larger ducts. It is designed to deploy an additional cable in a confined small conduit or innerduct.

Min Conduit ID	Suggested Product	Max # of Packs	Max # of Cables	Maximum Cable Diameter per Cell	Rec. Pull Length*	Max Pull Length*
1.5"+	MaxCell 2" 1 Cell	1	1	.85"	800'	1500'

*Use of OFNR cable may result in reduced pulling lengths. Exceeding more than two 90 degree bends or a total of 180 degrees of bends between any two pulling points or installation into trenched duct may also result in reduced recommended pulling lengths.

Micro MaxCell 3212

Micro MaxCell products are designed for use in smaller applications where space is limited. This design is especially well suited for placing drop cables in FTTH applications.

Min Conduit ID	Suggested Product	Max # of Packs	Max # of Cables	Maximum Cable Diameter per Cell	Rec. Pull Length*	Max Pull Length*
1.25"	MaxCell 3212 3 Cell	1	3	.50"	800'	1500'
1.25"	MaxCell 3212 2 Cell	1	2	.50"	800'	1500'
1.25"	MaxCell 3212 1 Cell	1	1	.50"	800'	1500'

*Use of OFNR cable may result in reduced pulling lengths. Exceeding more than two 90 degree bends or a total of 180 degrees of bends between any two pulling points or installation into trenched duct may also result in reduced recommended pulling lengths.

This information is provided as general guidelines for MaxCell use and are for reference only. Construction practices and variations may result in reduced pulling lengths. Contact MaxCell Support to review your project.



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