

DATAMASTER®

P0761 Series VGA Extender

Reference Guide



Thank you for purchasing a Datamaster VGA Balun. This guide gives an overview of features, installation recommendations, operational limits and application suggestions.

Used in pairs, the P0761 Series Baluns allow VGA signals to be transmitted over Cat-5E or Cat-6 cable.

VGA handshaking (DDC) information is not supported



The device is not waterproof and should not be used outdoors

Do not install near any heat source

Clean only with a dry cloth

FEATURES

DA-15S (HD15) connection for the VGA connections

8P8C RJ45 connection for the cable connections

Baluns are interchangeable for transmit/receive functions

No power required

Either T568A or T568B wiring may be used

Input: (DA-15S) 75 ohm unbalanced RGB

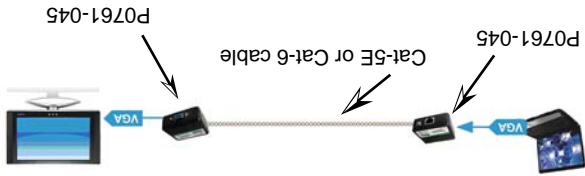
Output: (8P8C) balanced RGB

Maximum transmission distance *

VGA	(640 x 480)	180 metres **
SVGA	(800 x 600)	120 metres
XGA	(1024 x 768)	105 metres
WXGA	(1280 x 768)	76 metres
SXGA	(1600 x 1200)	76 metres
UXGA	(1600 x 1200)	61 metres
WUXGA	(1920 x 1200)	61 metres

* Greater distances are possible at the expense of quality

** Limited to 90 metres under some conditions



TYPICAL APPLICATION DIAGRAM

APPLICATIONS

Presentations in classrooms, meeting rooms etc

Digital signage/display control

Convenient input point to a ceiling mounted VGA projector

CABLE CONNECTIONS

