

CONDUCTING A SEARCH

Combine search terms with Boolean and proximity operators

TASK: Use Boolean and proximity operators in search statements in Basic, Advanced and Command Line searches. You can even combine previous sets found in “Recent searches” using standard Boolean operators.

<p>Boolean operators AND, OR and NOT are the same on both Dialog and ProQuest Dialog. The table to the right shows Dialog proximity operators and their corresponding operators on ProQuest Dialog.</p>	<table border="1"> <thead> <tr> <th>Dialog</th> <th>Definition</th> <th>Convert to ProQuest Dialog</th> </tr> </thead> <tbody> <tr> <td>WITH (W)</td> <td>Next to each other in exact order</td> <td>PRE/0 P/0</td> </tr> <tr> <td>NEAR (N)</td> <td>Next to each other in any order</td> <td>NEAR/0 N/0</td> </tr> <tr> <td>(#W)</td> <td>Within # words in exact order</td> <td>PRE/# P/#</td> </tr> <tr> <td>(#N)</td> <td>Within # words in any order</td> <td>NEAR/# N/#</td> </tr> <tr> <td>(5N)</td> <td>Within 5 words but not necessarily in the same order</td> <td>NEAR/5 N/5</td> </tr> <tr> <td>(5W)</td> <td>Within 5 words in the same order</td> <td>PRE/5 P/5</td> </tr> <tr> <td>(L)</td> <td>Same descriptor</td> <td>LNK</td> </tr> </tbody> </table>	Dialog	Definition	Convert to ProQuest Dialog	WITH (W)	Next to each other in exact order	PRE/0 P/0	NEAR (N)	Next to each other in any order	NEAR/0 N/0	(#W)	Within # words in exact order	PRE/# P/#	(#N)	Within # words in any order	NEAR/# N/#	(5N)	Within 5 words but not necessarily in the same order	NEAR/5 N/5	(5W)	Within 5 words in the same order	PRE/5 P/5	(L)	Same descriptor	LNK
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<p>1. In the Basic or Advanced Search form enter a search. You can enter phrases, but for greater precision use proximity connectors between search terms. Term 1 PRE/0 Term 2 specifies the terms be next to each other in exact order. Term 1 NEAR/0 Term 2 specifies the terms be next to each other in either order. Term 1 NEAR/5 specifies the terms be near each other within five words in any order.</p> <p>TIP: P/5 is the same as PRE/5; N/5 is the same as NEAR/5.</p>																									
<p>2. In the Command Line Search form enter a search strategy. If there are multiple concepts, hit <Enter> at the end of each line so that you will create distinct search sets for each concept.</p> <p>You can enter phrases, but for greater precision use proximity connectors between words.</p> <p>Term 1 PRE/0 Term 2 specifies the terms be next to each other in exact order. Term 1 NEAR/0 Term 2 specifies the terms be next to each other in either order. Term 1 NEAR/5 specifies the terms be near each other within five words in any order.</p> <p>TIP: P/5 is the same as PRE/5; N/5 is the same as NEAR/5.</p> <p>This search will create three search sets. Click Preview result counts.</p>																									

3. Now combine the three search sets by entering S1 AND S2 AND S3. Click **Search**.

Command Line Search

[Add search fields](#) | [Look up terms](#) | [Field codes](#) | [Tips](#)

S1 AND S2 AND S3

Enter your search set(s), e.g., TI(nursing) and AU(smith).
 Start each set on a new line using **Enter** or **Shift+Enter**.
 nurs* finds up to 10 characters (e.g., nurse, nurses, nursing) with unlimited word variations. [Learn more](#)

Items selected: 0 Saved searches (8)

<input type="checkbox"/>	Set	Search	Databases	Results	Actions
<input type="checkbox"/>	S3	CELL PRE/2 PHONE OR MOBILE Databases: Ei Compendex®	Ei Compendex®	276971*	Actions
<input type="checkbox"/>	S2	COMMUNICATION NEAR/5 SYSTEM OR NETWORK Databases: Ei Compendex®	Ei Compendex®	1522509*	Actions
<input type="checkbox"/>	S1	WIRELESS NEAR/5 PRINT* Databases: Ei Compendex®	Ei Compendex®	591*	Actions

* Duplicates removed. Result numbers at or under 5000 do not count removed duplicates. Over 5000, removed duplicates are counted.

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4. The Results page shows the search strategy and the number of records that fit the search criteria. You can use **Search within** to narrow results.

Searching: 1 database | 1 Recent searches | 0 Selected items | My Research (Louise) | Exit

[All databases](#) | [Pharmaceutical & Biomedical databases](#)

Cost Estimate | Preferences | English | Help

Ei Compendex®; 1969 to date

Basic Search | Advanced | Command Line | Pricing

(WIRELESS NEAR/5 PRINT*) AND (COMMUNICATION NEAR/5 SYSTEM OR NETWORK) AND (CELL PRE/2 PHONE OR MOBILE)

85 Results *

0 Selected items [Clear]

Select 1-20

1 [Comparison of dual-band printed dipoles for WLAN mobile communication devices](#)
 (Jan 1, 2008) Pricing
 ...printed dipoles working in the wireless local area network (WLAN) frequency ...for their application in WLAN mobile terminals. © 2007 Wiley Periodicals, Inc.
 Found in: Ei Compendex®; 1969 to date (1969 - current)

2 [Broadband dielectric resonator antenna \(DRA\) design for mobile wireless applications](#)
 (Dec 1, 2011) Pricing
 ...to cover most of the existing wireless mobile standards. This antenna assembly ...antenna is potential candidate for mobile handset application. © 2011 IEEE.
 Found in: Ei Compendex®; 1969 to date (1969 - current)

3 [COMPACT coaxial-line-fed printed mobile-unit antenna for GSM850/900/1800/1900/UMTS WWAN operation](#)
 (Apr 1, 2010) Pricing
 ...mobile-unit antenna for wireless wide area network operation in the
 Found in: Ei Compendex®; 1969 to date (1969 - current)

Sort results by: Relevance

Narrow results by

- Publication title
- Document type
- Subject
- Classification
- Author
- Language
- Publication date

1996 - 2012 (years)

5. Search within takes you to the bottom of the screen where you can modify the search entering terms as desired, including proximity or Boolean connectors.

20 [A Compact printed antenna for multiband wireless applications](#)
 (Jun 28, 2010) Pricing
 ...System for Mobile communication (GSM900, 880-960 MHz), Digital Communication ...Wireless Local Area Network (WLAN), 2400-2483.5 MHz
 Found in: Ei Compendex®; 1969 to date (1969 - current)

* Your results list does not include duplicate documents. Note: At or under 5000 results no duplicates are counted. Over 5000, the results number counts the removed duplicates.

Select 1-20 Display 0 selected items

Search Within WIRELESS P/2 LOCAL P: Items per page: 20

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6. Results return with the modified search strategy and you can browse titles, preview records for free by mousing over the **Preview** button and select records you wish to keep and work with during the session, including view, email, print and/or download.

The screenshot displays a search results page with the following elements:

- Search Query:** (WIRESLESS NEAR/5 PRINT*) AND (COMMUNICATION NEAR/5 SYSTEM OR NETWORK) AND (CELL PRE/2 PHONE OR MOBILE) AND (WIRESLESS PRE/2 LOCAL P2/ NETWORK OR WLAN)
- Results Count:** 23 Results *
- Actions:** Create alert, Create RSS feed, Save search, Download all results, Save to My Research, Email, Print, Cite, Export/Save.
- Selected Items:** 3 Selected items (Clear)
- Record 1:** A triple band printed monopole antenna for WLAN/WiMAX applications. Authors: Moeikham, Pichet; Mahatthanajatuphat, Chatree; Akkarakethalin, Prayoot; Moeikham, P.. In *IEEE Antennas and Propagation Society, AP-S International Symposium (Digest)*, by Moeikham, Pichet, Mahatthanajatuphat, Chatree, Akkarakethalin, Prayoot, Moeikham, P., 295-298. Institute of Electrical and Electronics Engineers Inc, (Dec 1, 2012).
- Record 2:** Abstract (summary) for the selected record.
- Record 3:** (Unselected)
- Record 4:** (Selected)
- Subject:** Cellular telephones (major); Communication systems (major); Frequency bands (major); Interoperability (major); Loading (major); ...
- Sort results by:** Relevance (Sort)
- Narrow results by:** Publication title, Document type (Conference Paper (14), Article (11), Feature (11)), More options..., Subject, Classification, Author, Language, Publication date (2003 - 2012 (years) with a bar chart and Update button).

NEED HELP?

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